US Army Corps of Engineers®

Summary Report

SEPTEMBER 2005

UNITED STATES OF AMERICA

Ocean Dumping Report for Calendar Year

2004

DREDGED MATERIAL

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UNITED STATES OF AMERICA

OCEAN DUMPING

REPORT FOR

CALENDAR YEAR

2004

DREDGED MATERIAL

Prepared by Headquarters, U. S. Army Corps of Engineers

Operations Division

441 G Street NW

Washington, D.C. 20314-1000

SEPTEMBER 2005

Background

Under the authority of the International Maritime Organization (IMO), the United States and all other contracting nations to the Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter are required to submit an annual report for each ocean disposal operation. The U.S. Army Corps of Engineers has been tasked with preparing the dredged material portion of these IMO Ocean Dumping Reports.

Reports Numbering System

The following pages contain all 66 U.S. prepared calendar year (CY) 2004 IMO Dredged Material Ocean Disposal Reports. They are numbered as follows:

(1) Pages C-1 through C-124 represent the 49 CY 2004 Corps of Engineers dredged material ocean disposal activities as authorized by the United States Congress.

(2) Pages P-1 through P-46 represent the 17 CY 2004 permitted dredged material ocean disposal activities conducted by permit under authority of Section 103 of the Marine Protection Research and Sanctuaries Act of 1972.

Summary of Data

During CY 2004, the U.S. ocean-disposed 48,391,916 cubic meters of dredged material of which 1,225,883 cubic meters were disposed under Section 103 permit authority, and 47,166,033 cubic meters were disposed under Corps project authority.

Geographical distribution of the U.S. CY 2004 ocean-disposed dredged material was as follows:

Region	Cubic Meters	IMO Report References
Atlantic Ocean	15,380,158	C-1 to C-52, P-1 to P- 22
Gulf of Mexico	26,865,903	C-53 to C-92
Pacific Ocean	3,145,855	C-93 to C-124, P-23 to P-46

Seattle District did not carry out any ocean disposal activities during CY 2004.

District Location Abbreviations

Abbreviation	District Name	District Location
NAN	New York	New York, NY
NAE	New England	Boston, MA
NAB	Baltimore	Baltimore, MD
NAO	Norfolk	Norfolk, VA
NAP	Philadelphia	Philadelphia, PA
SAC	Charleston	Charleston, SC
SAW	Wilmington	Wilmington, NC
SAS	Savannah	Savannah, GA
SAJ	Jacksonville	Jacksonville, FL
SAM	Mobile	Mobile, AL
MVN	New Orleans	New Orleans, LA
SWG	Galveston	Galveston, TX
SPL	Los Angeles	Los Angeles, CA
SPN	San Francisco	San Francisco, CA
NWP	Portland	Portland, OR
NWS	Seattle	Seattle, WA
POA	Alaska	Anchorage, AK
POH	Honolulu	Honolulu, HI

Authorship

The 2004 IMO Ocean Disposal Reports in this document were prepared by numerous Corps of Engineers employees in 18 Corps Districts and Divisions which have coastal boundaries. For additional information concerning individual projects, please contact the Corps District employee listed under "Point of Contact" at the end of each report. For projects with no contact listed or other information regarding this report, the central point of contact in the United States Government is:

Headquarters
U. S. Army Corps of Engineers
Operations Division
441 G Street NW
Attn: CECW-OD (Joe Wilson)
Washington, D. C. 20314-1000

This report was compiled and published under the Dredging Operations Technical Support program (http://el.erdc.usace.army.mil/dots/dots.html), Dr. Doug Clarke, manager and Mr. Joseph Wilson, Technical Monitor. It was compiled by Mr. Charles H. Lutz, US Army Engineer Research and Development Center, WES, Environmental Laboratory. Electronic copies of this report (in pdf format) and historical ocean disposal data are available from the Ocean Disposal Web site (http://el.erdc.usace.army.mil/odd/).

TABLE OF CONTENTS

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NAN [DS= 2892]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. PORT JERSEY CHANNEL, BAYONNE, N.J.
      #62 NEW YORK HARBOR, N.Y. (New Work)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 497,800

7. Expected frequency of dumping (for reporting period):
   a. 2 / DAY
   b. Actual start: 01/02/04
   c. Actual completion: 04/25/04

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2002

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.204
Site Name: HISTORIC AREA REMEDIATION SITE (HARS)
Geographical position: (NAD 1983)

40°25'39. " N 073°53'55. " W 40°25'39. " N 073°48'58. " W
40°21'19. " N 073°48'57. " W 40°21'19. " N 073°52'30. " W
40°21'52. " N 073°53'55. " W
Depth(ft): Low Depth- 39 High Depth- 160
Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site
This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.
Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W
B - 40 25'23", 73 53'34"
C - 40 25'39", 73 51'48"
D - 40 25'22", 73 52'08"
E - 40 23'48", 73 51'48"
F - 40 23'13", 73 52'09"
G - 40 23'13", 73 51'28"
H - 40 22'41", 73 51'28"
I - 40 22'41", 73 50'43"
J - 40 23'48", 73 51'06"
K - 40 25'39", 73 51'06"
L - 40 25'22", 73 50'44"
M - 40 25'39", 73 48'58"
N - 40 25'22", 73 49'19"
O - 40 21'35", 73 49'19"
P - 40 21'19", 73 48'57"
Q - 40 21'36", 73 52'08"
R - 40 21'19", 73 52'30"
S - 40 21'52", 73 53'55"
T - 40 22'08", 73 52'08"
U - 40 22'08", 73 53'34"
V - 40 21'52", 73 52'30"

Reference Site Location:
Site No: 128
Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

40°23'13. " N 073°52'11. " W 40°20'21. "N 073°52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
Capping techniques were used
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Menidia berylina
Mysidopsis bahia
Mytilus edilus

16. Bioassay Solid Phase Information (Organisms Tested):
    Ampelisca abdita
    Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):
    Nereis virens
    Macoma nasuta

18. General Comments

    Currently, this Port Jersey Channel is in the process of being incorporated into the New York Harbor, N.Y. Network of Federal Navigation Channels. Once the dredging work is complete, it is slated to be part of Federal Channel #62.

19. Point of Contact: THOMAS WYCHE 917-790-8540

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NAN [DS= 2893]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. KILL VAN KULL / CONTRACT - 5
      #63 NEW YORK & NEW JERSEY CHANNELS (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 2,624,500

7. Expected frequency of dumping (for reporting period):
   a. 2 / DAY
   b. Actual start: 01/01/04
   c. Actual completion: 10/29/04

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2002

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.204
Site Name: HISTORIC AREA REMEDIATION SITE (HARS)
Geographical position: (NAD 1983)

40°25'39. " N 073°53'55. " W 40°25'39. " N 073°48'58. " W
40°21'19. " N 073°48'57. " W 40°21'19. " N 073°52'30. " W
40°21'52. " N 073°53'55. " W
Depth(ft): Low Depth- 39 High Depth- 160
Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site
This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.
Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W
B - 40 25'23", 73 53'34"
C - 40 25'39", 73 51'48"
D - 40 25'22", 73 52'08"
E - 40 23'48", 73 51'48"
F - 40 23'13", 73 52'09"
G - 40 23'13", 73 51'28"
H - 40 22'41", 73 51'28"
I - 40 22'41", 73 50'43"
J - 40 23'48", 73 51'06"
K - 40 25'39", 73 51'06"
L - 40 25'22", 73 50'44"
M - 40 25'39", 73 48'58"
N - 40 25'22", 73 49'19"
O - 40 21'35", 73 49'19"
P - 40 21'19", 73 48'57"
Q - 40 21'36", 73 52'08"
R - 40 21'19", 73 52'30"
S - 40 21'52", 73 53'55"
T - 40 22'08", 73 52'08"
U - 40 22'08", 73 53'34"
V - 40 21'52", 73 52'30"

Reference Site Location:
Site No: 128
Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

Center of Site is:
40°23'13. " N 0073°52'11. " W 0.0" W40°20'21. "N 073°52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
Capping techniques were used
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Menidia berylina
Mysidopsis bahia
Mytilus deilus

16. Bioassay Solid Phase Information (Organisms Tested):

Ampelisca abdita
Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):
Nereis virens
Macoma nasuta

18. General Comments

19. Point of Contact: THOMAS WYCHE 917-790-8540

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NAN [DS= 2894]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. KILL VAN KULL / CONTRACT - 8
      #63 NEW YORK & NEW JERSEY CHANNELS (New Work)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 1,456,100

7. Expected frequency of dumping (for reporting period):
   a. 2 / DAY
   b. Actual start: 04/12/04
   c. Actual completion: 08/06/04

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2002

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.204
Site Name: HISTORIC AREA REMEDIATION SITE (HARS)
Geographical position: (NAD 1983)

40°25'39. " N 073°53'55. " W 40°25'39. " N 073°48'58. " W
40°21'19. " N 073°48'57. " W 40°21'19. " N 073°52'30. " W
40°21'52. " N 073°53'55. " W
Depth(ft): Low Depth- 39 High Depth- 160
Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site
This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.
Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W
B - 40 25'23", 73 53'34"
C - 40 25'39", 73 51'48"
D - 40 25'22", 73 52'08"
E - 40 23'48", 73 51'48"
F - 40 23'13", 73 52'09"
G - 40 23'13", 73 51'28"
H - 40 22'41", 73 51'28"
I - 40 22'41", 73 50'43"
J - 40 23'48", 73 51'06"
K - 40 25'39", 73 51'06"
L - 40 25'22", 73 50'44"
M - 40 25'39", 73 48'58"
N - 40 25'22", 73 49'19"
O - 40 21'35", 73 49'19"
P - 40 21'19", 73 48'57"
Q - 40 21'36", 73 52'08"
R - 40 21'19", 73 52'30"
S - 40 21'52", 73 53'55"
T - 40 22'08", 73 52'08"
U - 40 22'08", 73 53'34"
V - 40 21'52", 73 52'30"

Reference Site Location:
Site No: 128
Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

Center of Site is:
40°23'13. " N 0073°52'11. " W 0.0" W40°20'21. "N 073°52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
Capping techniques were used
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Menidia berylina
Mysidopsis bahia
Mytilus edilus

16. Bioassay Solid Phase Information (Organisms Tested):

Ampelisca abdita
Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):
    Nereis virens
    Macoma nasuta

18. General Comments

19. Point of Contact: THOMAS WYCHE 917-790-8540

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NAN [DS= 2895]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. ARTHUR KILLS - AREAS 1 AND 2
      #63 NEW YORK & NEW JERSEY CHANNELS (New Work)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 881,900

7. Expected frequency of dumping (for reporting period):
   a. 2 / DAY
   b. Actual start: 02/04/04
   c. Actual completion: 12/31/04

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2002

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.204
Site Name: HISTORIC AREA REMEDIATION SITE (HARS)
Geographical position: (NAD 1983)

40°25'39. " N 073°53'55. " W 40°25'39. " N 073°48'58. " W
40°21'19. " N 073°48'57. " W 40°21'19. " N 073°52'30. " W
40°21'52. " N 073°53'55. " W
Depth(ft): Low Depth- 39 High Depth- 160
Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site
This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.
Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W
B - 40 25'23", 73 53'34"
C - 40 25'39", 73 51'48"
D - 40 25'22", 73 52'08"
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P - 40 21'19", 73 48'57"
Q - 40 21'36", 73 52'08"
R - 40 21'19", 73 52'30"
S - 40 21'52", 73 53'55"
T - 40 22'08", 73 52'08"
U - 40 22'08", 73 53'34"
V - 40 21'52", 73 52'30"

Reference Site Location:
Site No: 128
Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

Center of Site is:
40°23'13. " N 0073°52'11. " W 0.0" W40°20'21. "N 073°52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
Capping techniques were used
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Menidia berylina
Mysidopsis bahia
Mytilus edilus

16. Bioassay Solid Phase Information (Organisms Tested):

Ampelisca abdita
Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):
Nereis virens
Macoma nasuta

18. General Comments

19. Point of Contact: THOMAS WYCHE 917-790-8540

1. Issuing Authority- District: NAE [DS= 2903]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. BOSTON, MASSACHUSETTS
      BOSTON HARBOR (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   CLUMPED or COHESIVE

6. Total quantity (cubic meters): 569,900

7. Expected frequency of dumping (for reporting period):
   a. 2 PER DAY
   b. Actual start: 08/24/04
   c. Actual completion: 12/31/04

8. Composition of the dredged material.

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	8	0.0000000	8	8.100000	23.400000	11.800000
MERCURY	8	0.0000000	8	0.800000	1.800000	1.100000
CADMIUM	8	0.0000000	8	2.200000	4.100000	2.800000
LEAD	8	0.0000000	8	86.500000	270.600000	134.400000
CHROMIUM	8	0.0000000	8	199.700000	332.100000	253.200000
COPPER	8	0.0000000	8	93.500000	204.300000	138.000000
NICKEL	8	0.0000000	8	30.300000	44.000000	36.500000
ZINC	8	0.0000000	8	192.800000	428.200000	261.500000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	8	0.0020000	0	0.000000	0.000000	0.000000
DIELDRIN	8	0.0000000	3	0.004970	0.005760	0.005310
ALPHA-ENDOSULFAN	8	0.2000000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	8	0.0020000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	8	0.0000000	1	0.005580	0.005580	0.005580
DDD	8	0.0000000	8	0.014900	0.038850	0.021520
DDE	8	0.0000000	8	0.009300	0.016040	0.011350
DDT	8	0.0000000	6	0.002050	0.003040	0.002650
ENDRIN	8	0.0020000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	8	0.0020000	0	0.000000	0.000000	0.000000
HEPTACHLOR	8	0.0020000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	8	0.0020000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	8	0.0020000	0	0.000000	0.000000	0.000000
BETA-LINDANE	8	0.0020000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	8	0.0020000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	8	0.0020000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	8	0.0020000	0	0.000000	0.000000	0.000000
TOXAPHENE	8	0.0440000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	8	0.0000000	8	0.439020	1.273260	0.623610

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	8	0.0000000	8	0.094400	1.537910	0.316280
BENZO(A)ANTHRACENE	8	0.0000000	8	0.331310	1.596050	0.701170
BENZO(B)FLUORANTHENE	8	0.0000000	8	0.329610	1.608610	0.678290
ACENAPHTHYLENE	8	0.0000000	8	0.035020	0.313670	0.100530
CHRYSENE	8	0.0000000	8	0.381350	1.898050	0.797150
BENZO(K)FLUORANTHENE	8	0.0000000	8	0.353420	1.509460	0.662560
ACENAPHTHENE	8	0.0000000	8	0.036640	0.444490	0.104350
FLUORANTHENE	8	0.0000000	8	0.612910	3.059770	1.268710
BENZO(GHI)PERYLENE	8	0.0000000	8	0.237170	0.981960	0.454840
FLUORENE	8	0.0000000	8	0.066000	0.592130	0.166390
PYRENE	8	0.0000000	8	0.673030	3.387680	1.404440
ANTHRACENE	8	0.0000000	8	0.140850	1.165050	0.356230
BENZO(A)PYRENE	8	0.0000000	8	0.389590	1.675830	0.781060
INDENO(1,2,3-CD)PYRENE	8	0.0000000	8	0.258910	1.067140	0.489620
PHENANTHRENE	8	0.0000000	8	0.423150	1.775910	0.801860
DIBENZE(A,H)ANTHRACENE	8	0.0000000	8	0.006211	0.285770	0.125230

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	8	0.0000000	8	78.000000	128.000000	101.500000
TOTAL ORGANIC CARBON	8	0.0000000	8	2.430000	4.260000	2.880000
% SAND	8	0.0000000	8	6.190000	24.080000	16.480000
% SILT	8	0.0000000	8	33.170000	44.920000	39.870000
% CLAY	8	0.0000000	8	31.000000	55.000000	43.630000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
    Site No. 2
    Site Name: MASSACHUSETTS BAY DISPOSAL SITE
    Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:
42°25'06. " N 070°35'00. " W
Depth(ft): Low Depth- 272 High Depth- 302
Nearest Distance from shore (nm): 11.5

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material which meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.
updated by Phillip Nimeskern, 01/20/2000

Reference Site Location:
Site No: 167
Site Name: MASS BAY REFERENCE (1992 AND LATER)

Geographical position (NAD 1927)

42°22'42.0" N 070°30'18.0" W
Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
    No disposal management was performed
    Site Monitoring was performed
    Bathymetry Monitoring was performed
    Chemical Monitoring was performed
    Physical Monitoring was performed
    Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
    Americamysis bahia
    Menidia beryllina
    Arbacia punctulata

16. Bioassay Solid Phase Information (Organisms Tested):
    Ampelisca abdita

17. Bioassay Bioaccumulation Information (Organisms Tested):

Macoma nasuta
Nereis virens

18. General Comments

2004C0006.

Biological monitoring was done by REMOTS photography.

PCBs were analyzed as congeners.

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NAE [DS= 2904]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. PROVIDENCE RIVER, PROVIDENCE, RI
      PROVIDENCE HARBOR (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   CLUMPED or COHESIVE

6. Total quantity (cubic meters): 2,520,700

7. Expected frequency of dumping (for reporting period):
   a. 2 PER DAY
   b. Actual start: 01/01/04
   c. Actual completion: 12/31/04

8. Composition of the dredged material.

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	8	0.0000000	8	8.500000	14.000000	11.438000
MERCURY	11	0.0000000	11	0.049000	0.970000	0.565000
LEAD	11	0.0000000	11	41.000000	260.000000	154.800000
CHROMIUM	11	0.0000000	11	85.000000	220.000000	152.000000
COPPER	11	0.0000000	11	80.000000	490.000000	292.000000
NICKEL	8	0.0000000	8	22.000000	47.000000	33.125000
ZINC	11	0.0000000	11	140.000000	370.000000	253.636000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
DDD	10	0.0000000	8	0.001500	0.004000	0.003000
DDE	10	0.0000000	2	0.002200	0.018000	0.010000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	8	0.0000000	8	0.000096	0.000850	0.000410

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	10	0.0000000	10	0.042000	0.250000	0.121000
BENZO(A)ANTHRACENE	10	0.0000000	10	0.100000	0.670000	0.338000
BENZO(B)FLUORANTHENE	10	0.0000000	10	0.140000	0.950000	0.433000
ACENAPHTHYLENE	10	0.0000000	10	0.024000	0.130000	0.063000
CHRYSENE	10	0.0000000	10	0.100000	0.810000	0.379000
BENZO(K)FLUORANTHENE	10	0.0000000	10	0.150000	0.950000	0.443000
ACENAPHTHENE	10	0.0000000	6	0.014000	0.051000	0.034000
FLUORANTHENE	10	0.0000000	10	0.180000	1.160000	0.617000
BENZO(GHI)PERYLENE	10	0.0000000	6	0.000000	0.000000	0.000000
FLUORENE	10	0.0000000	10	0.420000	0.250000	0.121000
PYRENE	10	0.0000000	10	0.270000	2.600000	1.259000
ANTHRACENE	10	0.0000000	3	0.140000	0.210000	0.177000
BENZO(A)PYRENE	10	0.0000000	9	0.120000	0.770000	0.364000
INDENO(1,2,3-CD)PYRENE	10	0.0200000	1	0.130000	0.130000	0.130000
PHENANTHRENE	10	0.0000000	3	0.430000	0.700000	0.563000
DIBENZE(A,H)ANTHRACENE	10	0.0200000	1	0.140000	0.140000	0.140000

DIOXINS (ng/KG or pptr)

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL 2,3,7,8 HxCDD	4	0.0000000	4	58.000000	230.000000	134.500000
OCDD	4	0.0000000	4	1100.000000	5500.000000	3675.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL SOLIDS	8	0.0000000	8	82.600000	98.000000	91.350000
TOTAL ORGANIC CARBON	11	0.0000000	11	2.000000	4.800000	2.936000
% SAND	11	0.0000000	11	2.000000	17.300000	9.636000
% SILT	3	0.0000000	3	64.800000	70.900000	68.200000
% CLAY	3	0.0000000	3	17.800000	22.500000	19.533000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.230
Site Name: RHODE ISLAND SOUND
Geographical position: (NAD 1983)

41°14'21." N 71 °23'29.0" W 41°14'21.0" N 71 °22'09.0" W
41°13'21.0" N 71 °23'29.0" W 41°13'21.0" N 71 °22'09.0" W
0°0'0" N 0°0'0" W
Depth(ft): Low Depth- 115 High Depth- 128
Nearest Distance from shore (nm): 9.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material.
Disposal shall comply with conditions set forth in the most
recent approved Site Management and Monitoring Plan.

Reference Site Location:
Site No: 231
Site Name: RHODE ISLAND SOUND REF

Geographical position (NAD 1983)

Center of Site is:
41°°1''0.." N 71 °19'30."" W
Depth (ft): Low Depth- 127 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
This site is located in Atlantic Ocean.

14. Disposal Site Management:
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed
Chemical Monitoring was performed
Physical Monitoring was performed
Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Menidia menidia
Americamysis bahia
Arbacia punctulata
Menidia beryllina

16. Bioassay Solid Phase Information (Organisms Tested):
Ampelisca abdita
Eohaustorius estuarius
Americamysis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):
    Nereis virens
    Macoma nasuta

18. General Comments

    2003C0002.

    Biological monitoring was done using REMOTS photography.

    %fines were reported in Total Solids line.

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

1. Issuing Authority- District: NAB [DS= 2881]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. CHESAPEAKE BAY, VA
      CAPE HENRY FEDERAL NAVIGATION CHANNEL (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 48,200

7. Expected frequency of dumping (for reporting period):
   a. 2 YEARS
   b. Actual start: 03/12/04
   c. Actual completion: 03/19/04

8. Composition of the dredged material.

   CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR
   Material was EXCLUDED from testing

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.218
Site Name: DAM NECK
Geographical position: (NAD 1927)

36°51'24.1" N 075°54'41.4" W 36°51'24.1" N 075°53'02.9" W
36°46'27.4" N 075°51'39.2" W 36°46'27.5" N 075°54'19.0" W
36°50'05.0" N 075°54'19.0" W
Depth(ft): Low Depth- 30 High Depth- 40
Nearest Distance from shore (nm): 3.3

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from the mouth of Chesapeake Bay.
Used by both NAO (record #85) and NAB (record #218).

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: ROBERT PRUHS 757-201-7130

1. Issuing Authority- District: NAO [DS= 2880]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. CHESAPEAKE BAY, VA
      THIMBLE SHOALS FEDERAL NAVIGATION CHANNEL (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 500,800

7. Expected frequency of dumping (for reporting period):
   a. 1 YEAR
   b. Actual start: 04/05/04
   c. Actual completion: 07/01/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 85
Site Name: DAM NECK
Geographical position: (NAD 1927)

36°51'24.1" N 075°54'41.4" W 36°51'24.1" N 075°53'02.9" W
36°46'27.4" N 075°51'39.2" W 36°46'27.5" N 075°54'19.0" W
36°50'05.0" N 075°54'19.0" W
Depth(ft): Low Depth- 30 High Depth- 40
Nearest Distance from shore (nm): 3.3

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from the mouth of Chesapeake Bay.
Used by both NAO (record #85) and NAB (record #218).

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: ROBERT PRUHS 757-201-7130

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NAP [DS= 2877]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. BARNEGAT BAY NJ
      BARNEGAT INLET (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 137,400

7. Expected frequency of dumping (for reporting period):
   a. VARIABLE
   b. Actual start: 04/10/04
   c. Actual completion: 09/12/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.210
Site Name: BARNEGAT INLET
Geographical position: (NAD 1983)

39°45'08.7" N 74°05'22.6" W 0°°'0' . " N 0°0°0"' . " W
0°°'0' . " N 0°0°0"' . " W 0°°'0' . " N 0°0°0"' . " W
0°°'0' . " N 0°0°0"' . " W
Depth(ft): Low Depth- 25 High Depth- 40
Nearest Distance from shore (nm): 1.0

General Comments About The Disposal Site
Updated by Greg Wacik, February 2000

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Dredging 1: 04/10/2004 to 05/01/2004
Dredging 2: 08/05/2004 to 09/12/2004

19. Point of Contact: GEGORY WACIK 215-656-6561

1. Issuing Authority- District: NAP [DS= 2878]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. NEW JERSEY
      MANASQUAN INLET (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 25,700

7. Expected frequency of dumping (for reporting period):
   a. VARIABLE
   b. Actual start: 04/02/04
   c. Actual completion: 09/20/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 96
Site Name: MANASQUAN INLET
Geographical position: (NAD 1927)

40°06'36. " N 074°01'34. " W 40°06'19. " N 074°01'39.0" W
40°06'18. " N 074°01'53. " W 40°06'41. " N 074°01'51. " W

Depth(ft): Low Depth- 23 High Depth- 60
Nearest Distance from shore (nm): 0.3

General Comments About The Disposal Site
Restrictions: Disposal shall be limited to dredged material from Manasquan Inlet, New Jersey.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Dredging 1: 04/02/2004 to 04/09/2004
Dredging 2: 09/13/2004 to 09/20/2004

19. Point of Contact: GEGORY WACIK 215-656-6561

1. Issuing Authority- District: NAP [DS= 2879]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. CAPE MAY NJ
      COLD SPRINGS INLET (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 130,100

7. Expected frequency of dumping (for reporting period):
   a. VARIABLE
   b. Actual start: 01/09/04
   c. Actual completion: 07/27/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 95
Site Name: COLD SPRING INLET
Geographical position: (NAD 1927)

38°55'52. " N 074°53'04. " W 38°55'37. " N 074°53'55. " W
38°55'23. " N 074°53'27. " W 38°55'36. " N 074°53'36. " W

Depth(ft): Low Depth- 20 High Depth- 30
Nearest Distance from shore (nm): 0.7

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from
Cold Spring Inlet, NJ

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: GEGORY WACIK 215-656-6561

1. Issuing Authority- District: SAC [DS= 2882]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. CHARLESTON, SOUTH CAROLINA
      CHARLESTON HARBOR (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE
      DUMP SCOW OR BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 1,815,800

7. Expected frequency of dumping (for reporting period):
   a. DAILY
   b. Actual start: 01/01/04
   c. Actual completion: 11/30/04

8. Composition of the dredged material.

   CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 65
Site Name: CHARLESTON
Geographical position: (NAD 1927)

32°40'27.0" N 079°47'22.0" W 32°39'04.0" N 079°44'25.0" W
32°38'07.0" N 079°45'03.0" W 32°39'30.0" N 079°48'00.0" W

Depth(ft): Low Depth- 36 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
This site replaced by the Charleston ODMDS which encompasses this site. This site was de-designated on October 23, 1995. (Robin Socha 7/24/2000)

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed
Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

- The dates actually incorporated multiple projects:
  1st project began 1/1/04 and ended 3/3/04.
  2nd project began 8/23/04 and ended 11/30/04.
  When dredging in occurring, it is 24/7.

-Project yardage:
  1st project: 811,266 cu yards
  2nd project: 1,563,672 cu yards

-The Charleston ODMDS has been monitored by the COE, EPA and SCDNR for the last 5 years as a result of the deepening project. The COE does before and after surveys for each project. DNR has done benthic work, and EPA has done sediment chemistry at various times throughout the 5 years. In the 2004, DNR did a benthic infaunal survey, and had sediment isotope studies done by the Univesity of Georgia. The COE did bathymetry at the site.

19. Point of Contact: ROBIN COLLER-SOCHA 843-329-8167

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SAC [DS= 2883]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. GEORGETOWN, SOUTH CAROLINA
      GEORGETOWN HARBOR (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 1,541,700

7. Expected frequency of dumping (for reporting period):
   a. DAILY
   b. Actual start: 12/15/04
   c. Actual completion: 01/22/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 65
Site Name: CHARLESTON
Geographical position: (NAD 1927)

32°40'27.0" N 079°47'22.0" W 32°39'04.0" N 079°44'25.0" W
32°38'07.0" N 079°45'03.0" W 32°39'30.0" N 079°48'00.0" W

Depth(ft): Low Depth- 36 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
This site replaced by the Charleston ODMDS which encompasses this site. This site was de-designated on October 23, 1995. (Robin Socha 7/24/2000)

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

-The dredging began in mid-December 2003 (12/15/03) and finished in late January 2004 (1/22/04).

-Bathymetric surveys are conducted before and after each project.

19. Point of Contact: ROBIN COLLER-SOCHA 843-329-8167

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SAW [DS= 2856]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. WILMINGTON, NC
      WILMINGTON HARBOR (New Work)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 17,500

7. Expected frequency of dumping (for reporting period):
   a. 24H/D
   b. Actual start: 01/04/04
   c. Actual completion: 01/05/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.165
Site Name: WILMINGTON HARBOR 1985 -
Geographical position: (NAD 1927)

33°49'30.0" N 078°03'06.0" W 33°48'18.0" N 078°01'39.0" W
33°47'19.0" N 078°02'48.0" W 33°48'30.0" N 078°04'16.0" W

Depth(ft): Low Depth- 43 High Depth- 0
Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to the dredged material from Wilmington Harbor area.
This site is inside the boundaries of the old Wilmington Harbor Interim site.
Final Designation 08/03/1987

Reference Site Location:
Site No: 196
Site Name: WHREF

Geographical position (NAD 1927)

33°46'52.7" N 078°03'26.5" W 33°46'26.2"N 078°02'53.6" W
33°45'47.0" N 078°03'37.3" W 33°46'14.4"N 078°04'11.3" W
0°°'0' . " N 0°0°0"' . " W

Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 3.5

General Comments About The Reference Site
added by Jenny Owens, 10/23/1997

14. Disposal Site Management:
No disposal management was performed
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Dredge Eagle I performed this work. Some of the work was new work and some was O & M, which was done under the same contract, thus making it impossible to separate out which was which. Also, most material from the project was placed in the old Wilmington Harbor Channel and not in the ODMDS. That's why the volume of material place in the ODMDS is low.

19. Point of Contact: PHIL PAYONK 910-251-4589

1. Issuing Authority- District: SAW [DS= 2857]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. WILMINGTON, NC
      WILMINGTON HARBOR (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 72,500

7. Expected frequency of dumping (for reporting period):
   a. 24H/D,7D/W
   b. Actual start: 02/02/04
   c. Actual completion: 02/13/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
    Site No.219
    Site Name: NEW WILMINGTON ODMDS
    Geographical position: (NAD 1983)

    33°45'51.4" N 078°02'32.7" W 33°45'50.8" N 078°01'13.3" W
    33°41' .5" N 078°01'16.8" W 33°41' .3" N 078°03'55.3" W
    0°°' 0' . " N 0°0°0"' . " W
    Depth(ft): Low Depth- 35 High Depth- 52
    Nearest Distance from shore (nm): 5.0

Reference Site Location:
Site No: 196
Site Name: WHREF

Geographical position (NAD 1927)

Center of Site is:
33°46'52.7" N 078°03'26.5" W W33°46'26.2"N 078°02'53.6" W
33°45'47.0" N 078°03'37.3" W 33°46'14.4"N 078°04'11.3" W
0°°'0' . " N 0°0°0"' . " W

Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 3.5

General Comments About The Reference Site
added by Jenny Owens, 10/23/1997

14. Disposal Site Management:
No disposal management was performed
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Dredge Stuyvesant performed this work, which was part new work and part O & M - done under the same contract.

19. Point of Contact: PHIL PAYONK 910-251-4589

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SAS [DS= 2854]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. SAVANNAH, GA
      SAVANNAH HARBOR ENTRANCE CHANNEL (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 474,500

7. Expected frequency of dumping (for reporting period):
   a. 5.9LDS/DY
   b. Actual start: 12/30/03
   c. Actual completion: 01/26/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 64
Site Name: SAVANNAH
Geographical position: (NAD 1927)

31°55'53.0" N 080°44'20.0" W 31°57'55.0" N 080°46'48.0" W
31°57'55.0" N 080°44'20.0" W 31°55'53.0" N 080°46'48.0" W

Depth(ft): Low Depth- 26 High Depth- 37
Nearest Distance from shore (nm): 4.5

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from the Savannah Harbor area.

Reference Site Location:
Site No: 184
Site Name: SAVANNAH HARBOR BAR CHANNEL REFERENCE

Geographical position (NAD 1927)

31°55'59.4" N 080°43'25.8" W 31°55'59.4"N 080°41'06.6" W

Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
Seasonal restrictions were enforced
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: STEVE CALVER 912-652-5797

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SAS [DS= 2855]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. BRUNSWICK, GA
      BRUNSWICK HARBOR ENTRANCE CHANNEL DEEPENING (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 1,198,400

7. Expected frequency of dumping (for reporting period):
   a. 6 LOADS/DY
   b. Actual start: 01/10/04
   c. Actual completion: 04/02/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 71
Site Name: BRUNSWICK HARBOR
Geographical position: (NAD 1927)

31°02'35.0" N 081°17'40.0" W 31°02'35.0" N 081°16'30.0" W
31°00'30.0" N 081°16'30.0" W 31°00'30.0" N 081°17'42.0" W

Depth(ft): Low Depth- 30 High Depth- 37
Nearest Distance from shore (nm): 6.6

General Comments About The Disposal Site
Restrictions: Disposal shall be limited to suitable dredged material from the greater Brunswick, Georgia, vicinity.

Reference Site Location:
Site No: 185
Site Name: BRUNSWICK HARBOR BAR CHANNEL REFERENCE #1

Geographical position (NAD 1927)

31°00'30.0" N 081°15'29.4" W 31°00'30.0"N 081°13'27.6" W

Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
Seasonal restrictions were enforced
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: STEVE CALVER 912-652-5797

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SAJ [DS= 2887]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. CAPE CANAVERAL, FL
      CANAVERAL HARBOR MAINTENANCE #1 (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 246,700

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 06/15/04
   c. Actual completion: 08/01/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 6
Site Name: CANAVERAL HARBOR
Geographical position: (NAD 1927)

28°19'53.0" N 080°31'08.0" W 28°18'50.0" N 080°29'40.0" W
28°17'35.0" N 080°30'52.0" W 28°18'38.0" N 080°32'20.0" W

Depth(ft): Low Depth- 47 High Depth- 55
Nearest Distance from shore (nm): 4.8

General Comments About The Disposal Site
Restriction: Disposal shall be limited to suitable dredged material from the greater Canaveral, Florida, vicinity.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Dredge Atlantic

19. Point of Contact: GLEN SCHUSTER 904-232-3691

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SAJ [DS= 2888]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. CAPE CANAVERAL, FL
      CANAVERAL HARBOR EMERGENCY (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 51,300

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 09/13/04
   c. Actual completion: 10/06/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 6
Site Name: CANAVERAL HARBOR
Geographical position: (NAD 1927)

28°19'53.0" N 080°31'08.0" W 28°18'50.0" N 080°29'40.0" W
28°17'35.0" N 080°30'52.0" W 28°18'38.0" N 080°32'20.0" W

Depth(ft): Low Depth- 47 High Depth- 55
Nearest Distance from shore (nm): 4.8

General Comments About The Disposal Site
Restriction: Disposal shall be limited to suitable dredged material from the greater Canaveral, Florida, vicinity.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Dredge Padre Island

19. Point of Contact: GLEN SCHUSTER 904-232-3691

1. Issuing Authority- District: SAJ [DS= 2889]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. CAPE CANAVERAL, FL
      CANAVERAL HARBOR EMERGENCY #2 (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 14,600

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 11/11/04
   c. Actual completion: 12/20/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 6
Site Name: CANAVERAL HARBOR
Geographical position: (NAD 1927)

28°19'53.0" N 080°31'08.0" W 28°18'50.0" N 080°29'40.0" W
28°17'35.0" N 080°30'52.0" W 28°18'38.0" N 080°32'20.0" W

Depth(ft): Low Depth- 47 High Depth- 55
Nearest Distance from shore (nm): 4.8

General Comments About The Disposal Site
Restriction: Disposal shall be limited to suitable dredged material from the greater Canaveral, Florida, vicinity.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Dredge Atlantic

19. Point of Contact: GLEN SCHUSTER 904-232-3691

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SAJ [DS= 2890]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. KINGS BAY, FL
      KINGS BAY ENTRANCE CHANNEL (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 267,800

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 01/07/04
   c. Actual completion: 03/07/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 62
Site Name: FERNANDINA BEACH
Geographical position: (NAD 1927)

30°42'00.0" N 081°19'05.0" W 30°41'00.0" N 081°17'55.0" W
30°42'00.0" N 081°17'55.0" W 30°41'00.0" N 081°19'05.0" W

Depth(ft): Low Depth- 45 High Depth- 63
Nearest Distance from shore (nm): 6.2

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material which meets the criteria given in the Ocean Dumping Regulations in 40 CFR part 227.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Dredge Liberty (213,896 CY), Manhattan Island (37,162 CY), and Padre Island (99,095 CY).

19. Point of Contact: GLEN SCHUSTER 904-232-3691

1. Issuing Authority- District: SAM [DS= 2869]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. MOBILE HARBOR
      B+ B DREDGING "COLUMBIA" (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 1,629,900

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 01/01/04
   c. Actual completion: 08/02/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.172
Site Name: MOBILE NORTH (1987---)
Geographical position: (NAD 1927)

30°11'18.0" N 088°21'18.0" W 30°08'30.0" N 088°19'42.0" W
30°13'00.0" N 088°08'48.0" W 30°08'30.0" N 088°05'48.0" W
30°09'36.0" N 088°04'48.0" W
Depth(ft): Low Depth- 20 High Depth- 58
Nearest Distance from shore (nm): 2.0

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: LARRY PARSON 251-690-3292

1. Issuing Authority- District: SAM [DS= 2870]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. MOBILE HARBOR
      BEAN STUYVESANT "STUYVESANT" (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 1,496,200

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 04/04/04
   c. Actual completion: 05/12/04

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN A PREVIOUS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
    Site No.172
    Site Name: MOBILE NORTH (1987---)
    Geographical position: (NAD 1927)

    30°11'18.0" N 088°21'18.0" W 30°08'30.0" N 088°19'42.0" W
    30°13'00.0" N 088°08'48.0" W 30°08'30.0" N 088°05'48.0" W
    30°09'36.0" N 088°04'48.0" W
    Depth(ft): Low Depth- 20 High Depth- 58
    Nearest Distance from shore (nm): 2.0

Reference Site Location:
    Site No: 170
    Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
    No disposal management was performed
    No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
    No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
    No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
    No Bioassay testing was done

18. General Comments

19. Point of Contact: LARRY PARSON 251-690-3292

1. Issuing Authority- District: SAM [DS= 2871]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. MOBILE HARBOR
      WEEKS MARINE, INC "BUCKET DREDGE 506" (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 851,300

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 01/01/04
   c. Actual completion: 01/13/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
    Site No.172
    Site Name: MOBILE NORTH (1987---)
    Geographical position: (NAD 1927)

    30°11'18.0" N 088°21'18.0" W 30°08'30.0" N 088°19'42.0" W
    30°13'00.0" N 088°08'48.0" W 30°08'30.0" N 088°05'48.0" W
    30°09'36.0" N 088°04'48.0" W
    Depth(ft): Low Depth- 20 High Depth- 58
    Nearest Distance from shore (nm): 2.0

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: LARRY PARSON 251-690-3292

1. Issuing Authority- District: SAM [DS= 2872]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. MOBILE HARBOR
      BEAN STUYVESANT "STUYVESANT" (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 2,023,800

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 09/07/04
   c. Actual completion: 12/03/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
    Site No.172
    Site Name: MOBILE NORTH (1987---)
    Geographical position: (NAD 1927)

    30°11'18.0" N 088°21'18.0" W 30°08'30.0" N 088°19'42.0" W
    30°13'00.0" N 088°08'48.0" W 30°08'30.0" N 088°05'48.0" W
    30°09'36.0" N 088°04'48.0" W
    Depth(ft): Low Depth- 20 High Depth- 58
    Nearest Distance from shore (nm): 2.0

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: LARRY PARSON 251-690-3292

1. Issuing Authority- District: SAM [DS= 2873]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. PASCAGOULA HARBOR
      BEAN STUYVESAN "STUYVESANT" MS (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 765,800

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 10/16/04
   c. Actual completion: 10/27/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.173
Site Name: PASCAGOULA (1992 ---)
Geographical position: (NAD 1927)

30°12'06.0" N 088°44'30.0" W 30°11'42.0" N 088°33'24.0" W
30°08'30.0" N 088°37'00.0" W 30°08'18.0" N 088°41'54.0" W

Depth(ft): Low Depth- 39 High Depth- 53
Nearest Distance from shore (nm): 2.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to suitable material from the Mississippi Sound and vicinity.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: LARRY PARSON 251-690-3292

1. Issuing Authority- District: SAM [DS= 2874]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. PASCAGOULA HARBOR
      USACE "MCFARLAND" (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 154,400

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 01/02/04
   c. Actual completion: 01/14/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.173
Site Name: PASCAGOULA (1992 ---)
Geographical position: (NAD 1927)

30°12'06.0" N 088°44'30.0" W 30°11'42.0" N 088°33'24.0" W
30°08'30.0" N 088°37'00.0" W 30°08'18.0" N 088°41'54.0" W

Depth(ft): Low Depth- 39 High Depth- 53
Nearest Distance from shore (nm): 2.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to suitable material from the Mississippi Sound and vicinity.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: LARRY PARSON 251-690-3292

1. Issuing Authority- District: SAM [DS= 2875]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. GULFPORT HARBOR
      MANSON CONSTRUCTION "BAYPORT" (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 649,500

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 11/24/04
   c. Actual completion: 12/19/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.173
Site Name: PASCAGOULA (1992 ---)
Geographical position: (NAD 1927)

30°12'06.0" N 088°44'30.0" W 30°11'42.0" N 088°33'24.0" W
30°08'30.0" N 088°37'00.0" W 30°08'18.0" N 088°41'54.0" W

Depth(ft): Low Depth- 39 High Depth- 53
Nearest Distance from shore (nm): 2.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to suitable material from the Mississippi Sound and vicinity.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: LARRY PARSON 251-690-3292

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: MVN [DS= 2865]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. MISSISSIPPI RIVER GULF OUTLET, LA
      MISSISSIPPI RIVER GULF OUTLET (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 2,913,400

7. Expected frequency of dumping (for reporting period):
   a. DISCONTIN
   b. Actual start: 08/16/04
   c. Actual completion: 12/31/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.110
Site Name: MISS. RIVER - GULF OUTLET, BAR CHANNEL
Geographical position: (NAD 1927)

29°32'35.0" N 089°12'38.0" W 29°29'21.0" N 089°08'00.0" W
29°24'51.0" N 088°59'23.0" W 29°24'28.0" N 089°59'39.0" W
29°28'59.0" N 089°08'19.0" W
Depth(ft): Low Depth- 20 High Depth- 40
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
Restrictions: Disposal shall be limited to dredged material from the vicinity of Mississippi River Gulf Outlet.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Selective Disposal was used
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Under contract C0043 and from 8/16/04-8/25/04, 262,044 cubic yards were removed.

Under contract C0056 and from 9/25/04-12/31/04, 1,130,221 cubic yards were removed.

Under contract C0057 and from 10/1/04-12/31/04, 1,943,867 cubic yards were removed.

The dredge Wheelr removed an additional 474,296 cubic yards of material from 9/23/04-10/15/04.

19. Point of Contact: JEFFREY CORBINO 504-862-1958

1. Issuing Authority- District: MVN [DS= 2866]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. ATCHAFALAYA BAR CHANNEL, LA
      ATCHAFALAYA BAR CHANNEL (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 8,271,500

7. Expected frequency of dumping (for reporting period):
   a. DISCONTIN
   b. Actual start: 11/10/03
   c. Actual completion: 05/21/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.117
Site Name: ATCHAFALAYA RIVER, BAR CHANNEL
Geographical position: (NAD 1927)

29°21'24.9" N 091°23'11.0" W 29°21'08.8" N 091°22'47.4" W
29°07'59.4" N 091°34'27.5" W 29°08'15.4" N 091°34'51.0" W

Depth(ft): Low Depth- 5 High Depth- 23
Nearest Distance from shore (nm): 7.0

General Comments About The Disposal Site
No longer valid. (Linda Mathies, 8/2003)

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Selective Disposal was used
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Under contract C0006 and from 10 Nov 2003 - 7 Mar 2004, 4,717,160 cubic yards were disposed of in the West Side ODMDS.

Under conract C0029 and from 9 Apr 2004 - 21 May 2004, 6,100,936 cubic yards were disposed of in the West Side ODMDS.

19. Point of Contact: JEFFREY CORBINO 504-862-1958

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: MVN [DS= 2867]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. CAMERON PARISH, LA
      CALCASIEU RIVER AND BAR CHANNEL (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 526,600

7. Expected frequency of dumping (for reporting period):
   a. DISCONTIN
   b. Actual start: 02/21/04
   c. Actual completion: 12/27/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 81
Site Name: CALCASIEU RIVER, BAR CHANNEL 1
Geographical position: (NAD 1927)

29°45'39.0" N 093°19'36.0" W 29°42'42.0" N 093°19'06.0" W
29°42'36.0" N 093°19'48.0" W 29°44'42.0" N 093°20'12.0" W
29°44'42.0" N 093°20'24.0" W
Depth(ft): Low Depth- 7 High Depth- 26
Nearest Distance from shore (nm): 1.5

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from the vicinity of the Calcasieu River and Pass Project.
Site No. 82
Site Name: CALCASIEU RIVER, BAR CHANNEL 2
Geographical position: (NAD 1927)

29°44'31.0" N 093°20'43.0" W 29°39'45.0" N 093°19'56.0" W
29°39'34.0" N 093°20'46.0" W 29°44'25.0" N 093°21'33.0" W

Depth(ft): Low Depth- 7 High Depth- 36
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from the vicinity of the Calcasieu River and Pass Project.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Selective Disposal was used
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Under contract 05D0005 and from 1-Dec-04 through 27-Dec-04, 194,466 cubic yards of dredge material was disposed in area 1. An additional 1,116,739 cubic yards of material was removed by agitation dredging.

Under contract 04C0024 and from 21-Feb-04 through 29-Mar-04, 494,207 cubic yards of material was disposed of in area 2.

19. Point of Contact: JEFFREY CORBINO 504-862-1958

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: MVN [DS= 2868]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. MISSISSIPPI RIVER SOUTHWEST PASS
      MISSISSIPPI RIVER SOUTHWEST PASS (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 4,464,600

7. Expected frequency of dumping (for reporting period):
   a. DISCONTIN
   b. Actual start: 02/01/04
   c. Actual completion: 12/31/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 92
Site Name: MISSISSIPPI RIVER SOUTHWEST PASS
Geographical position: (NAD 1927)

28°54'12.0" N 089°27'15.0" W 28°54'12.0" N 089°26'00.0" W
28°51'00.0" N 089°27'15.0" W 28°51'00.0" N 089°26'00.0" W

Depth(ft): Low Depth- 9 High Depth- 106
Nearest Distance from shore (nm): 17.5

General Comments About The Disposal Site
Restrictions: Disposal shall be limited to dredged material from the vicinity of the Southwest Pass Channel.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Data entered by Jeff Corbino (504) 862-1958

Work was not continuous, and was completed under 6 different contracts from February to December of 2004. The following quantities were discharged at the OD site under each contract: 879,010 CY (contract 04C0025), 1,054,953 CY 04C0027), 157,735 CY (04C0030), 1,173,500 CY (04C0034), 1,234,446 CY (04C0037), 257,466 CY (04C0043). The USACE Dredge Wheeler discharged an additional 524,284 CY at the OD site.

19. Point of Contact: JEFFREY CORBINO 504-862-1958

1. Issuing Authority- District: SWG [DS= 2850]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. FREEPORT HARBOR, TEXAS
      ENTRANCE AND JETTY CHANNEL (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 1,417,600

7. Expected frequency of dumping (for reporting period):
   a. 19/D;7D/WK
   b. Actual start: 09/04/04
   c. Actual completion: 11/29/04

8. Composition of the dredged material.

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	4	0.3000000	4	6.750000	9.150000	7.910000
ANTIMONY	4	2.5000000	0	0.000000	0.000000	0.000000
BERYLLIUM	4	1.0000000	1	1.110000	0.000000	0.650000
MERCURY	4	0.2000000	0	0.000000	0.000000	0.000000
CADMIUM	4	0.1000000	0	0.000000	0.000000	0.000000
LEAD	4	0.3000000	4	17.800000	23.700000	20.500000
CHROMIUM	4	1.0000000	4	14.900000	20.500000	18.400000
COPPER	4	1.0000000	4	8.550000	11.800000	10.713000
NICKEL	4	0.5000000	4	14.900000	19.300000	17.500000
ZINC	4	2.0000000	4	27.300000	34.100000	30.300000
SELENIUM	4	0.5000000	0	0.000000	0.000000	0.000000
SILVER	4	0.2000000	0	0.000000	0.000000	0.000000
THALLIUM	4	0.2000000	4	0.210000	0.280000	0.260000
CYANIDE	4	2.0000000	0	0.000000	0.000000	0.000000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	4	0.0030000	0	0.000000	0.000000	0.000000
CHLORDANE	4	0.0030000	0	0.000000	0.000000	0.000000
DIELDRIN	4	0.0050000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	4	0.0050000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	4	0.0050000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	4	0.0050000	0	0.000000	0.000000	0.000000
DDD	4	0.0050000	0	0.000000	0.000000	0.000000
DDE	4	0.0050000	0	0.000000	0.000000	0.000000
DDT	4	0.0050000	0	0.000000	0.000000	0.000000
ENDRIN	4	0.0050000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	4	0.0050000	0	0.000000	0.000000	0.000000
HEPTACHLOR	4	0.0030000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	4	0.0030000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	4	0.0030000	0	0.000000	0.000000	0.000000
BETA-LINDANE	4	0.0030000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	4	0.0030000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	4	0.0030000	0	0.000000	0.000000	0.000000
TOXAPHENE	4	0.0500000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	4	0.0010000	0	0.000000	0.000000	0.000000

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	4	0.0200000	0	0.000000	0.000000	0.000000
BENZO(A)ANTHRACENE	4	0.0200000	0	0.000000	0.000000	0.000000
BENZO(B)FLUORANTHENE	4	0.0200000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	4	0.0200000	0	0.000000	0.000000	0.000000
CHRYSENE	4	0.0200000	0	0.000000	0.000000	0.000000
BENZO(K)FLUORANTHENE	4	0.0200000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	4	0.0200000	0	0.000000	0.000000	0.000000
FLUORANTHENE	4	0.0200000	0	0.000000	0.000000	0.000000
BENZO(GHI)PERYLENE	4	0.0200000	0	0.000000	0.000000	0.000000
FLUORENE	4	0.0200000	0	0.000000	0.000000	0.000000
PYRENE	4	0.0200000	0	0.000000	0.000000	0.000000
ANTHRACENE	4	0.0200000	0	0.000000	0.000000	0.000000
BENZO(A)PYRENE	4	0.0200000	0	0.000000	0.000000	0.000000
INDENO(1,2,3-CD)PYRENE	4	0.0200000	0	0.000000	0.000000	0.000000
PHENANTHRENE	4	0.0200000	0	0.000000	0.000000	0.000000
DIBENZE(A,H)ANTHRACENE	4	0.0200000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AMMONIA NITROGEN	4	0.1000000	4	82.800000	99.900000	88.700000
TOTAL ORGANIC CARBON	4	0.1000000	4	0.780000	1.150000	0.960000
% SAND	4	1.0000000	4	33.500000	42.600000	37.920000
% SILT	4	1.0000000	4	0.900000	10.700000	5.050000
% CLAY	4	1.0000000	4	23.800000	64.500000	38.670000

VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
BENEZIDINE	4	0.0050000	0	0.000000	0.000000	0.000000

BASE NEUTRALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
BIS(2-CHLOROETHOXY)METH	4	0.1300000	0	0.000000	0.000000	0.000000
BIS(2-CHLOROETHYL)ETHER	4	0.1300000	0	0.000000	0.000000	0.000000
4-BROMOPHENYL PHENYL ET	4	0.1600000	0	0.000000	0.000000	0.000000
BUTYL BENZYL PHTHALATE	4	0.0500000	0	0.000000	0.000000	0.000000
2-CHLORONAPHTHALENE	4	0.1600000	0	0.000000	0.000000	0.000000
4-CHLOROPHENYL PHENYL E	4	0.1700000	0	0.000000	0.000000	0.000000
1,2 DICHLOROBENZENE	4	0.0200000	0	0.000000	0.000000	0.000000
1,3 DICHLOROBENZENE	4	0.0200000	0	0.000000	0.000000	0.000000
1,4 DICHLOROBENZENE	4	0.0200000	0	0.000000	0.000000	0.000000
3,3-DICHLOROBENZIDINE	4	0.3000000	0	0.000000	0.000000	0.000000
DIETHYL PHTHALATE	4	0.0500000	0	0.000000	0.000000	0.000000
DIMETHYL PHTHALATE	4	0.0500000	0	0.000000	0.000000	0.000000
DI-N-BUTYL PHTHALATE	4	0.0500000	0	0.000000	0.000000	0.000000
2,4-DINITROTOLUENE	4	0.2000000	0	0.000000	0.000000	0.000000
2,6-DINITROTOLUENE	4	0.2000000	0	0.000000	0.000000	0.000000
DI-N-OCTYL PHTHALATE	4	0.0500000	0	0.000000	0.000000	0.000000
HEXACHLOROBENZENE	4	0.0100000	0	0.000000	0.000000	0.000000
HEXACHLOROBUTADIENE	4	0.0200000	0	0.000000	0.000000	0.000000
HEXACHLOROCYCLOPENTADIE	4	0.3000000	0	0.000000	0.000000	0.000000
HEXACHLOROETHANE	4	0.1000000	0	0.000000	0.000000	0.000000
ISOPHORONE	4	0.0100000	0	0.000000	0.000000	0.000000
NITROBENZENE	4	0.1600000	0	0.000000	0.000000	0.000000
DI-N-PROPYLNITROSAMINE	4	0.0200000	0	0.000000	0.000000	0.000000
N-NITROSODIPHENYLAMINE	4	0.0200000	0	0.000000	0.000000	0.000000
1,2,4-TRICHLOROBENZENE	4	0.0100000	0	0.000000	0.000000	0.000000
ACID VOLATILES						
2-CHLOROPHENOL	4	0.1100000	0	0.000000	0.000000	0.000000
2,4-DICHLOROPHENOL	4	0.1200000	0	0.000000	0.000000	0.000000
2,4-DIMETHYLPHENOL	4	0.0200000	0	0.000000	0.000000	0.000000
4,6-DINITRO-O-CRESOL	4	0.6000000	0	0.000000	0.000000	0.000000
2,4-DINITROPHENOL	4	0.5000000	0	0.000000	0.000000	0.000000
2-NITROPHENOL	4	0.2000000	0	0.000000	0.000000	0.000000
4-NITROPHENOL	4	0.5000000	0	0.000000	0.000000	0.000000
PENTACHLOROPHENOL	4	0.1000000	0	0.000000	0.000000	0.000000
TOTAL PHENOLS	4	0.1000000	0	0.000000	0.000000	0.000000
2,4,6-TRICHLOROPHENOL	4	0.1400000	0	0.000000	0.000000	0.000000
BIS(2-ETHYLHEXYL)PHTHAL	4	0.0500000	0	0.000000	0.000000	0.000000

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

Elutriate Test Chemical Data

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	4	0.0010000	4	0.001070	0.002580	0.001890
ANTIMONY	4	0.0030000	0	0.000000	0.000000	0.000000
BERYLLIUM	4	0.0002000	0	0.000000	0.000000	0.000000
MERCURY	4	0.0002000	0	0.000000	0.000000	0.000000
CADMIUM	4	0.0010000	0	0.000000	0.000000	0.000000
LEAD	4	0.0010000	0	0.000000	0.000000	0.000000
CHROMIUM	4	0.0010000	0	0.000000	0.000000	0.000000
COPPER	4	0.0010000	0	0.000000	0.000000	0.000000
NICKEL	4	0.0010000	0	0.000000	0.000000	0.000000
ZINC	4	0.0010000	4	0.008040	0.009700	0.008770
SELENIUM	4	0.0020000	0	0.000000	0.000000	0.000000
SILVER	4	0.0010000	0	0.000000	0.000000	0.000000
THALLIUM	4	0.0010000	0	0.000000	0.000000	0.000000
CYANIDE	4	0.1000000	0	0.000000	0.000000	0.000000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	4	0.0000300	0	0.000000	0.000000	0.000000
CHLORDANE	4	0.0000300	0	0.000000	0.000000	0.000000
DIELDRIN	4	0.0000200	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	4	0.0001000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	4	0.0001000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	4	0.0001000	0	0.000000	0.000000	0.000000
DDD	4	0.0001000	0	0.000000	0.000000	0.000000
DDE	4	0.0001000	0	0.000000	0.000000	0.000000
ENDRIN	4	0.0001000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	4	0.0001000	0	0.000000	0.000000	0.000000
HEPTACHLOR	4	0.0001000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	4	0.0001000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	4	0.0000300	0	0.000000	0.000000	0.000000
BETA-LINDANE	4	0.0000300	0	0.000000	0.000000	0.000000
DELTA-LINDANE	4	0.0000300	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	4	0.0001000	0	0.000000	0.000000	0.000000
TOXAPHENE	4	0.0005000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	4	0.0000100	0	0.000000	0.000000	0.000000

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	4	0.0008000	0	0.000000	0.000000	0.000000
BENZO(A)ANTHRACENE	4	0.0004000	0	0.000000	0.000000	0.000000
BENZO(B)FLUORANTHENE	4	0.0006000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	4	0.0010000	0	0.000000	0.000000	0.000000
CHRYSENE	4	0.0003000	0	0.000000	0.000000	0.000000
BENZO(K)FLUORANTHENE	4	0.0006000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	4	0.0007500	0	0.000000	0.000000	0.000000
FLUORANTHENE	4	0.0009000	0	0.000000	0.000000	0.000000
BENZO(GHI)PERYLENE	4	0.0012000	0	0.000000	0.000000	0.000000
FLUORENE	4	0.0006000	0	0.000000	0.000000	0.000000
PYRENE	4	0.0015000	0	0.000000	0.000000	0.000000
ANTHRACENE	4	0.0006000	0	0.000000	0.000000	0.000000
BENZO(A)PYRENE	4	0.0003000	0	0.000000	0.000000	0.000000
INDENO(1,2,3-CD)PYRENE	4	0.0012000	0	0.000000	0.000000	0.000000
PHENANTHRENE	4	0.0005000	0	0.000000	0.000000	0.000000
DIBENZE(A,H)ANTHRACENE	4	0.0013000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AMMONIA NITROGEN	4	0.0300000	4	0.550000	1.250000	0.920000

VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
BENEZIDINE	4	0.0010000	0	0.000000	0.000000	0.000000

BASE NEUTRALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
BIS(2-CHLOROETHOXY)METH	4	0.0010000	0	0.000000	0.000000	0.000000
BIS(2-CHLOROETHYL)ETHER	4	0.0009000	0	0.000000	0.000000	0.000000
4-BROMOPHENYL PHENYL ET	4	0.0004000	0	0.000000	0.000000	0.000000
BUTYL BENZYL PHTHALATE	4	0.0040000	0	0.000000	0.000000	0.000000
2-CHLORONAPHTHALENE	4	0.0008000	0	0.000000	0.000000	0.000000
4-CHLOROPHENYL PHENYL E	4	0.0006000	0	0.000000	0.000000	0.000000
1,2 DICHLOROBENZENE	4	0.0008000	0	0.000000	0.000000	0.000000
1,3 DICHLOROBENZENE	4	0.0009000	0	0.000000	0.000000	0.000000
1,4 DICHLOROBENZENE	4	0.0010000	0	0.000000	0.000000	0.000000
3,3-DICHLOROBENZIDINE	4	0.0030000	0	0.000000	0.000000	0.000000
DIETHYL PHTHALATE	4	0.0010000	0	0.000000	0.000000	0.000000
DIMETHYL PHTHALATE	4	0.0010000	0	0.000000	0.000000	0.000000
DI-N-BUTYL PHTHALATE	4	0.0010000	0	0.000000	0.000000	0.000000
2,4-DINITROTOLUENE	4	0.0020000	0	0.000000	0.000000	0.000000
2,6-DINITROTOLUENE	4	0.0020000	0	0.000000	0.000000	0.000000
DI-N-OCTYL PHTHALATE	4	0.0030000	0	0.000000	0.000000	0.000000
HEXACHLOROBENZENE	4	0.0004000	0	0.000000	0.000000	0.000000
HEXACHLOROBUTADIENE	4	0.0009000	0	0.000000	0.000000	0.000000
HEXACHLOROCYCLOPENTADIE	4	0.0030000	0	0.000000	0.000000	0.000000
HEXACHLOROETHANE	4	0.0009000	0	0.000000	0.000000	0.000000
ISOPHORONE	4	0.0010000	0	0.000000	0.000000	0.000000
NITROBENZENE	4	0.0009000	0	0.000000	0.000000	0.000000
N-NITROSODIMETHYLAMINE	4	0.0031000	0	0.000000	0.000000	0.000000
DI-N-PROPYLNITROSAMINE	4	0.0009000	0	0.000000	0.000000	0.000000
N-NITROSODIPHENYLAMINE	4	0.0021000	0	0.000000	0.000000	0.000000
1,2,4-TRICHLOROBENZENE	4	0.0009000	0	0.000000	0.000000	0.000000

ACID VOLATILES

2-CHLOROPHENOL	4	0.0009000	0	0.000000	0.000000	0.000000
2,4-DICHLOROPHENOL	4	0.0050000	0	0.000000	0.000000	0.000000
2,4-DIMETHYLPHENOL	4	0.0100000	0	0.000000	0.000000	0.000000
4,6-DINITRO-O-CRESOL	4	0.0100000	0	0.000000	0.000000	0.000000
2,4-DINITROPHENOL	4	0.0050000	0	0.000000	0.000000	0.000000
2-NITROPHENOL	4	0.0020000	0	0.000000	0.000000	0.000000
4-NITROPHENOL	4	0.0050000	0	0.000000	0.000000	0.000000
PENTACHLOROPHENOL	4	0.0500000	0	0.000000	0.000000	0.000000
TOTAL PHENOLS	4	0.0100000	0	0.000000	0.000000	0.000000
2,4,6-TRICHLOROPHENOL	4	0.0009000	0	0.000000	0.000000	0.000000
BIS(2-ETHYLHEXYL)PHTHAL	4	0.0020000	0	0.000000	0.000000	0.000000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
    Site No.162
    Site Name: FREEPORT HARBOR MAINTENANCE
    Geographical position: (NAD 1927)

    28°54'00.0" N 095°15'49.0" W 28°53'28.0" N 095°15'16.0" W
    28°52'00.0" N 095°16'59.0" W 28°52'32.0" N 095°17'32.0" W

    Depth(ft): Low Depth- 31 High Depth- 38
    Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from the Freeport Harbor Entrance and Jetty Channels, Texas.

Reference Site Location:
Site No: 179
Site Name: FREEPORT HARBOR - REFERENCE AREA

Geographical position (NAD 1927)

28°54'28.0" N 095°13'40.0" W 28°54'35.0"N 095°13'28.0" W
28°55'07.0" N 095°14'01.0" W 28°54'60.0"N 095°14'13.0" W

Depth (ft): Low Depth- 39 High Depth- 44
Nearest Distance from shore (nm): 3.2

14. Disposal Site Management:
    Selective Disposal was used
    Site Monitoring was performed
    Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
    Americamysis bahia
    Menidia beryllina

16. Bioassay Solid Phase Information (Organisms Tested):
    Leptocheirus plumulosus
    Americamysis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):
    Mercenaria mercenaria
    Nereis virens

18. General Comments

    Sequential discharge points were employed.

19. Point of Contact: ROB HAUCH 409-766-3913

1. Issuing Authority- District: SWG [DS= 2851]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. MATAGORDA SHIP CHANNEL, TEXAS
      ENTRANCE CHANNEL (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 279,200

7. Expected frequency of dumping (for reporting period):
   a. 12/D; 7D/W
   b. Actual start: 10/18/04
   c. Actual completion: 02/06/04

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2001

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.105
Site Name: MATAGORDA SHIP CHANNEL DISPOSAL AREA NO. 1
Geographical position: (NAD 1927)

28°23'48.0" N 096°18'00.0" W 28°23'21.0" N 096°18'31.0" W
28°22'43.0" N 096°17'52.0" W 28°23'11.0" N 096°17'22.0" W

Depth(ft): Low Depth- 25 High Depth- 40
Nearest Distance from shore (nm): 1.5

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from the Matagorda Ship Channel, Texas.

Reference Site Location:
Site No: 180
Site Name: MATAGORDA SHIP CHANNEL - REFERENCE AREA

Geographical position (NAD 1927)

28°24'27.0" N 096°16'04.0" W 28°24'33.0"N 096°15'52.0" W
28°25'10.0" N 096°16'30.0" W 28°25'04.0"N 096°16'42.0" W

Depth (ft): Low Depth- 34 High Depth- 40
Nearest Distance from shore (nm): 1.9

14. Disposal Site Management:
No disposal management was performed
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: ROB HAUCH 409-766-3913

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SWG [DS= 2852]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. SABINE - NECHES WATERWAY, TEXAS
      SABINE PASS OUTER BAR AND SABINE BANK CHANNELS (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 1,421,900

7. Expected frequency of dumping (for reporting period):
   a. 8/D; 7D/WK
   b. Actual start: 12/17/04
   c. Actual completion: 12/31/04

8. Composition of the dredged material.

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	4	0.3000000	4	5.070000	8.760000	6.570000
ANTIMONY	4	2.5000000	0	0.000000	0.000000	0.000000
BERYLLIUM	4	1.0000000	0	0.000000	0.000000	0.000000
MERCURY	4	0.2000000	0	0.000000	0.000000	0.000000
CADMIUM	4	0.1000000	0	0.000000	0.000000	0.000000
LEAD	4	0.3000000	4	10.100000	25.200000	16.500000
CHROMIUM	4	1.0000000	4	12.700000	22.500000	19.400000
COPPER	4	1.0000000	4	6.300000	15.900000	12.100000
NICKEL	4	0.5000000	4	12.900000	20.600000	17.700000
ZINC	4	2.0000000	4	14.700000	26.600000	22.800000
SELENIUM	4	0.5000000	0	0.000000	0.000000	0.000000
SILVER	4	0.2000000	0	0.000000	0.000000	0.000000
THALLIUM	4	0.2000000	4	0.360000	1.140000	0.600000
CYANIDE	4	2.0000000	0	0.000000	0.000000	0.000000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	4	0.0030000	0	0.000000	0.000000	0.000000
CHLORDANE	4	0.0030000	0	0.000000	0.000000	0.000000
DIELDRIN	4	0.0050000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	4	0.0050000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	4	0.0050000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	4	0.0050000	0	0.000000	0.000000	0.000000
DDD	4	0.0050000	0	0.000000	0.000000	0.000000
DDE	5	0.0050000	0	0.000000	0.000000	0.000000
DDT	4	0.0050000	0	0.000000	0.000000	0.000000
ENDRIN	4	0.0050000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	4	0.0050000	0	0.000000	0.000000	0.000000
HEPTACHLOR	4	0.0030000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	4	0.0030000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	4	0.0030000	0	0.000000	0.000000	0.000000
BETA-LINDANE	4	0.0030000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	4	0.0030000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	4	0.0030000	0	0.000000	0.000000	0.000000
TOXAPHENE	4	0.0500000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	4	0.0010000	0	0.000000	0.000000	0.000000

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	4	0.0200000	0	0.000000	0.000000	0.000000
BENZO(A)ANTHRACENE	4	0.0200000	0	0.000000	0.000000	0.000000
BENZO(B)FLUORANTHENE	4	0.0200000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	4	0.0200000	0	0.000000	0.000000	0.000000
CHRYSENE	4	0.0200000	0	0.000000	0.000000	0.000000
BENZO(K)FLUORANTHENE	4	0.0200000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	4	0.0200000	0	0.000000	0.000000	0.000000
FLUORANTHENE	4	0.0200000	0	0.000000	0.000000	0.000000
BENZO(GHI)PERYLENE	4	0.0200000	0	0.000000	0.000000	0.000000
FLUORENE	4	0.0200000	0	0.000000	0.000000	0.000000
PYRENE	4	0.0200000	0	0.000000	0.000000	0.000000
ANTHRACENE	4	0.0200000	0	0.000000	0.000000	0.000000
BENZO(A)PYRENE	4	0.0200000	0	0.000000	0.000000	0.000000
INDENO(1,2,3-CD)PYRENE	4	0.0200000	0	0.000000	0.000000	0.000000
PHENANTHRENE	4	0.0200000	0	0.000000	0.000000	0.000000
DIBENZE(A,H)ANTHRACENE	4	0.0200000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AMMONIA NITROGEN	4	0.1000000	4	45.700000	240.000000	158.700000
TOTAL ORGANIC CARBON	4	0.1000000	4	1.220000	2.320000	1.740000
% SAND	4	1.0000000	4	1.500000	19.500000	6.800000
% SILT	4	1.0000000	4	20.400000	65.800000	52.700000
% CLAY	4	1.0000000	4	17.200000	75.600000	40.400000

VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
BENEZIDINE	4	0.0050000	0	0.000000	0.000000	0.000000

BASE NEUTRALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
BIS(2-CHLOROETHOXY)METH	4	0.1300000	0	0.000000	0.000000	0.000000
BIS(2-CHLOROETHYL)ETHER	4	0.1300000	0	0.000000	0.000000	0.000000
4-BROMOPHENYL PHENYL ET	4	0.1600000	0	0.000000	0.000000	0.000000
BUTYL BENZYL PHTHALATE	4	0.0500000	0	0.000000	0.000000	0.000000
2-CHLORONAPHTHALENE	4	0.1600000	0	0.000000	0.000000	0.000000
4-CHLOROPHENYL PHENYL E	4	0.1700000	0	0.000000	0.000000	0.000000
1,2 DICHLOROBENZENE	4	0.0200000	0	0.000000	0.000000	0.000000
1,3 DICHLOROBENZENE	4	0.0200000	0	0.000000	0.000000	0.000000
1,4 DICHLOROBENZENE	4	0.0200000	0	0.000000	0.000000	0.000000
3,3-DICHLOROBENZIDINE	4	0.3000000	0	0.000000	0.000000	0.000000
DIETHYL PHTHALATE	4	0.0500000	0	0.000000	0.000000	0.000000
DIMETHYL PHTHALATE	4	0.0500000	0	0.000000	0.000000	0.000000
DI-N-BUTYL PHTHALATE	4	0.0500000	0	0.000000	0.000000	0.000000
2,4-DINITROTOLUENE	4	0.2000000	0	0.000000	0.000000	0.000000
2,6-DINITROTOLUENE	4	0.2000000	0	0.000000	0.000000	0.000000
DI-N-OCTYL PHTHALATE	4	0.0500000	0	0.000000	0.000000	0.000000
HEXACHLOROBENZENE	4	0.0100000	0	0.000000	0.000000	0.000000
HEXACHLOROBUTADIENE	4	0.0200000	0	0.000000	0.000000	0.000000
HEXACHLOROCYCLOPENTADIE	4	0.3000000	0	0.000000	0.000000	0.000000
HEXACHLOROETHANE	4	0.1000000	0	0.000000	0.000000	0.000000
ISOPHORONE	4	0.0100000	0	0.000000	0.000000	0.000000
NITROBENZENE	4	0.1600000	0	0.000000	0.000000	0.000000
DI-N-PROPYLNITROSAMINE	4	0.1500000	0	0.000000	0.000000	0.000000
N-NITROSODIPHENYLAMINE	4	0.0200000	0	0.000000	0.000000	0.000000
1,2,4-TRICHLOROBENZENE	4	0.0100000	0	0.000000	0.000000	0.000000
ACID VOLATILES						
2-CHLOROPHENOL	4	0.1100000	0	0.000000	0.000000	0.000000
2,4-DICHLOROPHENOL	4	0.5000000	0	0.000000	0.000000	0.000000
2,4-DIMETHYLPHENOL	4	0.0200000	0	0.000000	0.000000	0.000000
4,6-DINITRO-O-CRESOL	4	0.6000000	0	0.000000	0.000000	0.000000
2,4-DINITROPHENOL	4	0.5000000	0	0.000000	0.000000	0.000000
2-NITROPHENOL	4	0.2000000	0	0.000000	0.000000	0.000000
4-NITROPHENOL	4	0.5000000	0	0.000000	0.000000	0.000000
PENTACHLOROPHENOL	4	0.1000000	0	0.000000	0.000000	0.000000
TOTAL PHENOLS	4	0.1000000	0	0.000000	0.000000	0.000000
2,4,6-TRICHLOROPHENOL	4	0.1400000	0	0.000000	0.000000	0.000000
BIS(2-ETHYLHEXYL)PHTHAL	4	0.0500000	0	0.000000	0.000000	0.000000

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

Elutriate Test Chemical Data

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	4	0.0010000	4	0.003890	0.005560	0.004940
ANTIMONY	4	0.0030000	0	0.000000	0.000000	0.000000
BERYLLIUM	4	0.0002000	0	0.000000	0.000000	0.000000
MERCURY	4	0.0002000	0	0.000000	0.000000	0.000000
CADMIUM	4	0.0010000	0	0.000000	0.000000	0.000000
LEAD	4	0.0000000	1	0.000000	0.000000	0.000000
CHROMIUM	4	0.0010000	0	0.000000	0.000000	0.000000
COPPER	4	0.0010000	3	0.000500	0.001720	0.001150
NICKEL	4	0.0010000	3	0.000500	0.001430	0.001010
ZINC	4	0.0010000	4	0.004310	0.006980	0.005900
SELENIUM	4	0.0020000	0	0.000000	0.000000	0.000000
SILVER	4	0.0010000	0	0.000000	0.000000	0.000000
THALLIUM	4	0.0010000	0	0.000000	0.000000	0.000000
CYANIDE	4	0.1000000	0	0.000000	0.000000	0.000000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	4	0.0000300	0	0.000000	0.000000	0.000000
CHLORDANE	4	0.0000300	0	0.000000	0.000000	0.000000
DIELDRIN	4	0.0000200	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	4	0.0001000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	4	0.0001000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	4	0.0001000	0	0.000000	0.000000	0.000000
DDD	4	0.0001000	0	0.000000	0.000000	0.000000
DDE	4	0.0001000	0	0.000000	0.000000	0.000000
DDT	4	0.0001000	0	0.000000	0.000000	0.000000
ENDRIN	4	0.0001000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	4	0.0001000	0	0.000000	0.000000	0.000000
HEPTACHLOR	4	0.0001000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	4	0.0001000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	4	0.0000300	0	0.000000	0.000000	0.000000
BETA-LINDANE	4	0.0000300	0	0.000000	0.000000	0.000000
DELTA-LINDANE	4	0.0000300	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	4	0.0001000	0	0.000000	0.000000	0.000000
TOXAPHENE	4	0.0005000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	4	0.0000100	0	0.000000	0.000000	0.000000

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	4	0.0008000	0	0.000000	0.000000	0.000000
BENZO(A)ANTHRACENE	4	0.0004000	0	0.000000	0.000000	0.000000
BENZO(B)FLUORANTHENE	4	0.0006000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	4	0.0010000	0	0.000000	0.000000	0.000000
CHRYSENE	4	0.0003000	0	0.000000	0.000000	0.000000
BENZO(K)FLUORANTHENE	4	0.0006000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	4	0.0007500	0	0.000000	0.000000	0.000000
FLUORANTHENE	4	0.0009000	0	0.000000	0.000000	0.000000
BENZO(GHI)PERYLENE	4	0.0012000	0	0.000000	0.000000	0.000000
FLUORENE	4	0.0006000	0	0.000000	0.000000	0.000000
PYRENE	4	0.0015000	0	0.000000	0.000000	0.000000
ANTHRACENE	4	0.0006000	0	0.000000	0.000000	0.000000
BENZO(A)PYRENE	4	0.0003000	0	0.000000	0.000000	0.000000
INDENO(1,2,3-CD)PYRENE	4	0.0012000	0	0.000000	0.000000	0.000000
PHENANTHRENE	4	0.0005000	0	0.000000	0.000000	0.000000
DIBENZE(A,H)ANTHRACENE	4	0.0013000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AMMONIA NITROGEN	4	0.0300000	4	0.440000	2.430000	1.600000
TOTAL ORGANIC CARBON	4	0.1000000	4	4.800000	5.990000	5.480000

VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
BENEZIDINE	4	0.0010000	0	0.000000	0.000000	0.000000

BASE NEUTRALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
BIS(2-CHLOROETHOXY)METH	4	0.0010000	0	0.000000	0.000000	0.000000
BIS(2-CHLOROETHYL)ETHER	4	0.0009000	0	0.000000	0.000000	0.000000
4-BROMOPHENYL PHENYL ET	4	0.0004000	0	0.000000	0.000000	0.000000
BUTYL BENZYL PHTHALATE	4	0.0040000	0	0.000000	0.000000	0.000000
2-CHLORONAPHTHALENE	4	0.0008000	0	0.000000	0.000000	0.000000
4-CHLOROPHENYL PHENYL E	4	0.0006000	0	0.000000	0.000000	0.000000
1,2 DICHLOROBENZENE	4	0.0008000	0	0.000000	0.000000	0.000000
1,3 DICHLOROBENZENE	4	0.0009000	0	0.000000	0.000000	0.000000
1,4 DICHLOROBENZENE	4	0.0010000	0	0.000000	0.000000	0.000000
3,3-DICHLOROBENZIDINE	4	0.0030000	0	0.000000	0.000000	0.000000
DIETHYL PHTHALATE	4	0.0010000	0	0.000000	0.000000	0.000000
DIMETHYL PHTHALATE	4	0.0010000	0	0.000000	0.000000	0.000000
DI-N-BUTYL PHTHALATE	4	0.0010000	0	0.000000	0.000000	0.000000
2,4-DINITROTOLUENE	4	0.0020000	0	0.000000	0.000000	0.000000
2,6-DINITROTOLUENE	4	0.0020000	0	0.000000	0.000000	0.000000
DI-N-OCTYL PHTHALATE	4	0.0030000	0	0.000000	0.000000	0.000000
HEXACHLOROBENZENE	4	0.0004000	0	0.000000	0.000000	0.000000
HEXACHLOROBUTADIENE	4	0.0009000	0	0.000000	0.000000	0.000000
HEXACHLOROCYCLOPENTADIE	4	0.0030000	0	0.000000	0.000000	0.000000
HEXACHLOROETHANE	4	0.0009000	0	0.000000	0.000000	0.000000
ISOPHORONE	4	0.0010000	0	0.000000	0.000000	0.000000
NITROBENZENE	4	0.0009000	0	0.000000	0.000000	0.000000
N-NITROSODIMETHYLAMINE	4	0.0031000	0	0.000000	0.000000	0.000000
DI-N-PROPYLNITROSAMINE	4	0.0009000	0	0.000000	0.000000	0.000000
N-NITROSODIPHENYLAMINE	4	0.0021000	0	0.000000	0.000000	0.000000
1,2,4-TRICHLOROBENZENE	4	0.0009000	0	0.000000	0.000000	0.000000

ACID VOLATILES

2-CHLOROPHENOL	4	0.0009000	0	0.000000	0.000000	0.000000
2,4-DICHLOROPHENOL	4	0.0008000	0	0.000000	0.000000	0.000000
2,4-DIMETHYLPHENOL	4	0.0100000	0	0.000000	0.000000	0.000000
4,6-DINITRO-O-CRESOL	4	0.0100000	0	0.000000	0.000000	0.000000
2,4-DINITROPHENOL	4	0.0050000	0	0.000000	0.000000	0.000000
2-NITROPHENOL	4	0.0020000	0	0.000000	0.000000	0.000000
4-NITROPHENOL	4	0.0050000	0	0.000000	0.000000	0.000000
PENTACHLOROPHENOL	4	0.0500000	0	0.000000	0.000000	0.000000
TOTAL PHENOLS	4	0.0100000	0	0.000000	0.000000	0.000000
2,4,6-TRICHLOROPHENOL	4	0.0009000	0	0.000000	0.000000	0.000000
BIS(2-ETHYLHEXYL)PHTHAL	4	0.0020000	0	0.000000	0.000000	0.000000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 72
Site Name: SABINE-NECHES WATERWAY DA NO. 1
Geographical position: (NAD 1927)

29°28'03.0" N 093°41'14.0" W 29°26'11.0" N 093°41'14.0" W
29°26'11.0" N 093°44'11.0" W
Depth(ft): Low Depth- 36 High Depth- 43
Nearest Distance from shore (nm): 16.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from the Sabine-Neches area.
Site No. 73
Site Name: SABINE-NECHES WATERWAY DA NO. 2
Geographical position: (NAD 1927)

29°30'41.0" N 093°43'49.0" W 29°28'42.0" N 093°41'33.0" W
29°28'42.0" N 093°44'49.0" W 29°30'08.0" N 093°46'27.0" W

Depth(ft): Low Depth- 30 High Depth- 42
Nearest Distance from shore (nm): 12.8

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from the Sabine-Neches area.
Site No. 74
Site Name: SABINE-NECHES WATERWAY DA NO. 3
Geographical position: (NAD 1927)

29°34'24.0" N 093°48'13.0" W 29°32'47.0" N 093°46'16.0" W
29°32'06.0" N 093°46'29.0" W 29°31'42.0" N 093°48'16.0" W

Depth(ft): Low Depth- 33 High Depth- 41
Nearest Distance from shore (nm): 6.8

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material from the Sabine-Neches area.
29 32' 59"N 93 49' 48"W

Reference Site Location:
Site No: 176
Site Name: SABINE-NECHES WATERWAY REFERENCE AREA 1

Geographical position (NAD 1927)

29°27'30.0" N 093°37'00.0" W	29°27'30.0"N 093°36'45.0" W
29°26'38.0" N 093°36'45.0" W	29°26'38.0"N 093°37'00.0" W

Depth (ft): Low Depth- 39 High Depth- 44
Nearest Distance from shore (nm): 15.9

14. Disposal Site Management:
No disposal management was performed
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Americamysis bahia
Menidia beryllina

16. Bioassay Solid Phase Information (Organisms Tested):
Americamysis bahia
Leptocheirus plumulosus

17. Bioassay Bioaccumulation Information (Organisms Tested):
Mercenaria mercenaria
Nereis virens

18. General Comments

19. Point of Contact: ROB HAUCH 409-766-3913

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SPN [DS= 2905]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. SAN FRANCISCO, CA
      SAN FRANCISCO MAIN SHIP CHANNEL (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 178,800

7. Expected frequency of dumping (for reporting period):
   a. 6.5 LD/DAY
   b. Actual start: 05/24/04
   c. Actual completion: 06/05/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 33
Site Name: SAN FRANCISCO CHANNEL BAR (SF-8)
Geographical position: (NAD 1927)

37°44'55. " N 122°37'18. " W 37°45'45. " N 122°34'24. " W
37°44'24. " N 122°37'06. " W 37°45'15. " N 122°34'12. " W

Depth(ft): Low Depth- 36 High Depth- 40
Nearest Distance from shore (nm): 6.8

General Comments About The Disposal Site
Restriction: Disposal shall be limited to material from required dredging operations at the entrance of the San Francisco main ship channel which is composed primarily of sand having grain sizes compatible with naturally occurring sediments at the disposal site and containing approximately 5 percent of particles having grain sizes finer than that normally attributed to very fine sand (.075 millimeters). Other dredged materials meeting the requirements of 40 CFR 227.13 but having smaller grain sizes may be dumped at this site only upon completion of an appropriate case-by-case evaluation of the impact of such material on the site which demonstrates that such impact will be acceptable.

Reference Site Location:
Site No: 121
Site Name: REFERENCE SITE NOT REPORTED

14. Disposal Site Management:
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: MIKE DONNELLY 415-977-8699

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SPN [DS= 2906]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. HUMBOLDT HARBOR, CA
      HUMBOLDT HARBOR BAR 7 ENTRANCE HARBOR (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 900,500

7. Expected frequency of dumping (for reporting period):
   a. 8.5 LD/DAY
   b. Actual start: 03/25/04
   c. Actual completion: 06/21/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 33
Site Name: SAN FRANCISCO CHANNEL BAR (SF-8)
Geographical position: (NAD 1927)

37°44'55. " N 122°37'18. " W 37°45'45. " N 122°34'24. " W
37°44'24. " N 122°37'06. " W 37°45'15. " N 122°34'12. " W

Depth(ft): Low Depth- 36 High Depth- 40
Nearest Distance from shore (nm): 6.8

General Comments About The Disposal Site
Restriction: Disposal shall be limited to material from required dredging operations at the entrance of the San Francisco main ship channel which is composed primarily of sand having grain sizes compatible with naturally occurring sediments at the disposal site and containing approximately 5 percent of particles having grain sizes finer than that normally attributed to very fine sand (.075 millimeters). Other dredged materials meeting the requirements of 40 CFR 227.13 but having smaller grain sizes may be dumped at this site only upon completion of an appropriate case-by-case evaluation of the impact of such material on the site which demonstrates that such impact will be acceptable.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Seasonal restrictions were enforced
Selective Disposal was used
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: MIKE DONNELLY 415-977-8699

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SPN [DS= 2907]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. HUMBOLDT BAY, CA
      HUMBOLDT HARBOR INTERIOR CHANNELS (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 145,700

7. Expected frequency of dumping (for reporting period):
   a. 7 LD/DAY
   b. Actual start: 03/20/04
   c. Actual completion: 04/24/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.174
Site Name: HOODS
Geographical position: (NAD 1983)

40°48'25.0" N 124°16'22.0" W 40°49'03.0" N 124°17'22.0" W
40°47'38.0" N 124°17'22.0" W 40°48'17.0" N 124°18'12.0" W

Depth(ft): Low Depth- 160 High Depth- 180
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
Restrictions/Provisions: Site management and monitoring activities shall be implemented during the period of site use and in accordance with the Site Management and Monitoring Plan (SMMP) for the HOODS as incorporated in the Final EIS, and summarized in Section D of this final rule. All disposal activities shall be terminated if monitoring, as described in the SMMP, is not implemented. The SMMP may be periodically revised as necessary; proposed substantive revisions to the SMMP shall be made following opportunity for public review and comment.

Reference Site Location:
Site No: 209
Site Name: HOODS REFERENCE SITE

Geographical position (NAD 1927)

40°44'59." N 124°30'34." W
Depth (ft): Low Depth- 160 High Depth- 180
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by Mike Donnelly, 1998

14. Disposal Site Management:
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: MIKE DONNELLY 415-977-8699

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SPN [DS= 2908]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. OAKLAND, CA
      OAKLAND HARBOR (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
      CLUMPED or COHESIVE

6. Total quantity (cubic meters): 93,300

7. Expected frequency of dumping (for reporting period):
   a. 1.2 LD/DAY
   b. Actual start: 09/09/04
   c. Actual completion: 11/27/04

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2004

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.193
Site Name: SAN FRANCISCO DEEP OCEAN DISPOSAL SITE [SF-DODS]
Geographical position: (NAD 1983)

37°39'00.0" N 123°29'00.0" W
Depth(ft): Low Depth- 8200 High Depth- 9840
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
Location: Center coordinates of the oval-shaped site are:
37 deg.39.0' North latitude by 123 deg.29.0' West longitude (North American Datum from 1983), with length (north-south axis) and width (west-east axis) dimensions of approximately 4 nautical miles (7.5 kilometers) and 2.5 nautical miles (4.5 kilometers), respectively.
Seabird and Marine mammal monitoring were performed in 1995.
Added by Belinda Spalding, Oct. 1996.

Reference Site Location:
Site No: 208
Site Name: SAN FRANCISCO DEEP OCEAN DISPOSAL (DODS) REFERENCE

Geographical position (NAD 1983)

37°25'0" N 123°14'54." W
Depth (ft): Low Depth- 4200 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by Mike Donnelly in 1999

14. Disposal Site Management:
Selective Disposal was used
Site Monitoring was performed
Chemical Monitoring was performed
Physical Monitoring was performed
Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

2004 sediment chemistry and upland testing data is available upon request at SPN.

19. Point of Contact: MIKE DONNELLY 415-977-8699

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: SPN [DS= 2909]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. RICHMOND, CA
      RICHMOND INNER HARBOR (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
      CLUMPED or COHESIVE

6. Total quantity (cubic meters): 19,100

7. Expected frequency of dumping (for reporting period):
   a. 0.5 LD/DAY
   b. Actual start: 08/02/04
   c. Actual completion: 09/04/04

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2004

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.193
Site Name: SAN FRANCISCO DEEP OCEAN DISPOSAL SITE [SF-DODS]
Geographical position: (NAD 1983)

37°39'00.0" N 123°29'00.0" W
Depth(ft): Low Depth- 8200 High Depth- 9840
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
Location: Center coordinates of the oval-shaped site are:
37 deg.39.0' North latitude by 123 deg.29.0' West longitude
(North American Datum from 1983), with length (north-south axis)
and width (west-east axis) dimensions of approximately 4 nautical
miles (7.5 kilometers) and 2.5 nautical miles (4.5 kilometers),
respectively.
Seabird and Marine mammal monitoring were performed in 1995.

Added by Belinda Spalding, Oct. 1996.

Reference Site Location:
Site No: 208
Site Name: SAN FRANCISCO DEEP OCEAN DISPOSAL (DODS) REFERENCE

Geographical position (NAD 1983)

37°25'0" N 123°14'54." W
Depth (ft): Low Depth- 4200 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by Mike Donnelly in 1999

14. Disposal Site Management:
Selective Disposal was used
Site Monitoring was performed
Chemical Monitoring was performed
Physical Monitoring was performed
Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Tier 3 Ocean Testing Manual biological, sediment chemistry, water testing, and upland testing data is available at SPN.

19. Point of Contact: MIKE DONNELLY 415-977-8699

1. Issuing Authority- District: SPN [DS= 2910]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. BODEGA BAY, CA
      BODEGA BAY (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
      CLUMPED or COHESIVE

6. Total quantity (cubic meters): 79,200

7. Expected frequency of dumping (for reporting period):
   a. 2 LD/DAY
   b. Actual start: 09/08/04
   c. Actual completion: 10/07/04

8. Composition of the dredged material.
      NO CHEMICAL DATA EXISTS FOR THIS PROJECT

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.193
Site Name: SAN FRANCISCO DEEP OCEAN DISPOSAL SITE [SF-DODS]
Geographical position: (NAD 1983)

37°39'00.0" N 123°29'00.0" W
Depth(ft): Low Depth- 8200 High Depth- 9840
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
Location: Center coordinates of the oval-shaped site are:
37 deg.39.0' North latitude by 123 deg.29.0' West longitude
(North American Datum from 1983), with length (north-south axis)
and width (west-east axis) dimensions of approximately 4 nautical
miles (7.5 kilometers) and 2.5 nautical miles (4.5 kilometers),
respectively.
Seabird and Marine mammal monitoring were performed in 1995.

Added by Belinda Spalding, Oct. 1996.

Reference Site Location:
Site No: 208
Site Name: SAN FRANCISCO DEEP OCEAN DISPOSAL (DODS) REFERENCE

Geographical position (NAD 1983)

37°25'0" N 123°14'54." W
Depth (ft): Low Depth- 4200 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by Mike Donnelly in 1999

14. Disposal Site Management:
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Chemical Monitoring was performed
Physical Monitoring was performed
Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Tier 2 2004 sediment chemistry data is available from SPN.

19. Point of Contact: MIKE DONNELLY 415-977-8699

1. Issuing Authority- District: NWP [DS= 2858]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. COOS BAY OREGON
      COOS BAY F (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 325,600

7. Expected frequency of dumping (for reporting period):
   a. INTERMITTE
   b. Actual start: 04/24/04
   c. Actual completion: 09/23/04

8. Composition of the dredged material.

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	17	0.0000000	17	0.003610	0.012100	0.006100
ANTIMONY	17	0.0018900	4	0.000654	0.001950	0.001180
MERCURY	17	0.0000800	2	0.000080	0.000110	0.000095
CADMIUM	17	0.2220000	15	0.114000	1.480000	0.738700
LEAD	17	0.0000000	17	1.310000	13.400000	4.838824
COPPER	17	0.2700000	16	0.868000	32.400000	10.610000
NICKEL	17	0.0000000	17	0.003040	0.037900	0.013264
ZINC	17	0.0000000	17	0.009720	0.087900	0.031950
SILVER	17	0.0006300	7	0.000413	0.002130	0.001230

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	17	0.0013000	0	0.000000	0.000000	0.000000
CHLORDANE	17	0.0260000	0	0.000000	0.000000	0.000000
DIELDRIN	17	0.0013000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	17	0.0013000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	17	0.0013000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	17	0.0013000	0	0.000000	0.000000	0.000000
DDD	17	0.0000000	0	0.000000	0.000000	0.000000
DDE	17	0.0013000	0	0.000000	0.000000	0.000000
DDT	17	0.0013000	0	0.000000	0.000000	0.000000
ENDRIN	17	0.0013000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	17	0.0013000	0	0.000000	0.000000	0.000000
HEPTACHLOR	17	0.0013000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	17	0.0013000	0	0.000000	0.000000	0.000000
ALPHA-LINDANE	17	0.0013000	0	0.000000	0.000000	0.000000
BETA-LINDANE	17	0.0013000	0	0.000000	0.000000	0.000000
DELTA-LINDANE	17	0.0013000	0	0.000000	0.000000	0.000000
GAMMA-LINDANE	17	0.0013000	0	0.000000	0.000000	0.000000
TOXAPHENE	17	0.0260000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PCB	17	0.0248000	0	0.000000	0.000000	0.000000
AROCHLOR 1016	17	0.0085000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	17	0.0057000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	17	0.0248000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	17	0.0044000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	17	0.0118000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	17	0.0028000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	17	0.0095000	0	0.000000	0.000000	0.000000

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TOTAL PAH	17	0.1800000	5	0.036000	0.772000	0.208100
NAPHTHALENE	17	0.0000000	4	0.015000	0.051000	0.027250
BENZO(A)ANTHRACENE	17	0.3700000	2	0.017000	0.050000	0.034000
BENZO(B)FLUORANTHENE	17	0.3700000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	17	0.3700000	0	0.000000	0.000000	0.000000
CHRYSENE	17	0.3700000	3	0.040000	0.081000	0.061700
BENZO(K)FLUORANTHENE	17	0.3700000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	17	0.3700000	0	0.000000	0.000000	0.000000
FLUORANTHENE	17	0.2100000	5	0.025000	0.110000	0.064000
BENZO(GHI)PERYLENE	17	0.3700000	0	0.000000	0.000000	0.000000
FLUORENE	17	0.3700000	2	0.023000	0.024000	0.024000
PYRENE	17	0.2200000	5	0.025000	0.250000	0.104400
ANTHRACENE	17	0.3700000	0	0.000000	0.000000	0.000000
BENZO(A)PYRENE	17	0.4400000	0	0.000000	0.000000	0.000000
INDENO(1,2,3-CD)PYRENE	17	0.4400000	0	0.000000	0.000000	0.000000
PHENANTHRENE	17	0.0000000	0	0.000000	0.000000	0.000000
DIBENZE(A,H)ANTHRACENE	17	0.3700000	0	0.000000	0.000000	0.000000

TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TRIBUTYLTIN	17	0.0026000	1	0.003500	0.003500	0.003500
DIBUTYLTIN	17	0.0029000	0	0.000000	0.000000	0.000000
MONOBUTYLTIN	17	0.0029000	0	0.000000	0.000000	0.000000
TOTAL ORGANOTIN	17	0.0000000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	17	0.0000000	17	0.000000	0.000000	0.000000
% TOTAL VOLATILE SOLIDS	17	0.0000000	0	0.200000	16.700000	4.500000
TOTAL SOLIDS	17	0.0000000	0	0.000000	0.000000	0.000000
TOTAL ORGANIC CARBON	17	0.0000000	17	500.000000	36000.000000	9607.000000
% SAND	17	0.0000000	17	4.000000	98.800000	69.600000
% SILT	17	0.0000000	17	1.200000	96.000000	28.800000

VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
BENEZIDINE	17	0.0800000	0	0.000000	0.000000	0.000000

BASE NEUTRALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
4-BROMOPHENYL PHENYL ET	17	0.0700000	0	0.000000	0.000000	0.000000
4-CHLOROPHENYL PHENYL E	17	0.1200000	0	0.000000	0.000000	0.000000
1,2 DICHLOROBENZENE	17	0.4400000	0	0.000000	0.000000	0.000000
1,3 DICHLOROBENZENE	17	0.4400000	0	0.000000	0.000000	0.000000
1,4 DICHLOROBENZENE	17	0.4400000	0	0.000000	0.000000	0.000000
3,3-DICHLOROBENZIDINE	17	0.4400000	0	0.000000	0.000000	0.000000
DIETHYL PHTHALATE	17	0.4400000	4	0.021000	0.061000	0.037000
DIMETHYL PHTHALATE	17	0.4400000	0	0.000000	0.000000	0.000000
DI-N-BUTYL PHTHALATE	17	0.4400000	2	0.023000	0.027000	0.025000
2,4-DINITROTOLUENE	17	0.4400000	0	0.000000	0.000000	0.000000
DI-N-OCTYL PHTHALATE	17	0.4400000	0	0.000000	0.000000	0.000000
AZOBENZENE(1,2-DIPHENYL	17	0.4400000	0	0.000000	0.000000	0.000000
HEXACHLOROBENZENE	17	0.4400000	0	0.000000	0.000000	0.000000
HEXACHLOROBUTADIENE	17	0.4400000	0	0.000000	0.000000	0.000000
HEXACHLOROCYCLOPENTADIE	17	0.4400000	0	0.000000	0.000000	0.000000
HEXACHLOROETHANE	17	0.4400000	0	0.000000	0.000000	0.000000
ISOPHORONE	17	0.4400000	0	0.000000	0.000000	0.000000
NITROBENZENE	17	0.4400000	0	0.000000	0.000000	0.000000
DI-N-PROPYLNITROSAMINE	17	0.4400000	0	0.000000	0.000000	0.000000
N-NITROSODIPHENYLAMINE	17	0.4400000	0	0.000000	0.000000	0.000000

ACID VOLATILES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
2-CHLOROPHENOL	17	0.0800000	0	0.000000	0.000000	0.000000
2,4-DICHLOROPHENOL	17	0.0900000	0	0.000000	0.000000	0.000000
2,4-DIMETHYLPHENOL	17	0.1400000	0	0.000000	0.000000	0.000000
2,4-DINITROPHENOL	17	0.2600000	0	0.000000	0.000000	0.000000
2-NITROPHENOL	17	0.1000000	0	0.000000	0.000000	0.000000
4-NITROPHENOL	17	0.6400000	0	0.000000	0.000000	0.000000
PENTACHLOROPHENOL	17	0.1100000	0	0.000000	0.000000	0.000000
TOTAL PHENOLS	17	0.1000000	0	0.000000	0.000000	0.000000
2,4,6-TRICHLOROPHENOL	17	0.2500000	0	0.000000	0.000000	0.000000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
    Site No. 21

Site Name: CHETCO RIVER ENTRANCE
Geographical position: (NAD 1983)

42°01'56.0" N 124°16'33.0" W 42°01'56. " N 124°16' 9.0" W
42°01'38. " N 124°16'9 . " W 42°01'38. " N 124°16'33. " W

Depth(ft): Low Depth- 69 High Depth- 72
Nearest Distance from shore (nm): 0.9

General Comments About The Disposal Site
Restrictions: Disposal shall be limited to dredged material determined to be suitable for unconfined disposal from the Chetco Estuary and River and adjacent areas.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

total (bulk) sediment organotin

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NWP [DS= 2859]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. BANDON OREGON
      COQUILLE RIVER (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 15,500

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: / /
   c. Actual completion: / /

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 24
Site Name: COQUILLE RIVER ENTRANCE
Geographical position: (NAD 1983)

43°08'26.0" N 124°26'44.0" W 43°08'03.0" N 124°26'08.0" W
43°08'13.0" N 124°27'00.0" W 43°07'50.0" N 124°26'23.0" W

Depth(ft): Low Depth- 60 High Depth- 60
Nearest Distance from shore (nm): 0.9

General Comments About The Disposal Site
Restrictions: Disposal shall be limited to dredged material from the Coquille Estuary and River and adjacent areas. Dimentions 3,500' x 1,750. Updated by Mark Siipola, 6/16/2004.
Tim Sherman, 2/18/2004: corrected second corner to 43 08 03.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Seasonal restrictions were enforced
Selective Disposal was used
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NWP [DS= 2860]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. MOUTH OF THE COLUMBIA RIVER
      MCR (SWS & DWS) (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 3,603,800

7. Expected frequency of dumping (for reporting period):
   a. INTERMITTE
   b. Actual start: 06/12/04
   c. Actual completion: 08/21/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.228
Site Name: SHALLOW WATER SITE
Geographical position: (NAD 1983)

46°15'35.4" N 124°05'15.6" W 46°14'31.1" N 124°07'33." W
46°14'58.8" N 124°07'36.9" W 46°15'42.3" N 124°05'26.7" W
0°°'0' ." N 0°0°0"' ." W
Depth(ft): Low Depth- 45 High Depth- 75
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
1 April 2005 - Designated - Tim Sherman.
Site No.229
Site Name: DEEP WATER SITE PLACEMENT AREA
Geographical position: (NAD 1983)

46°11'06.0" N 124°11'06.0" W 46°12'28.0" N 124°12'48.5" W
46°10'38.0" N 124°15'50.9" W 46°09'16.0" N 124°14'84.0" W
0°°'0' ." N 0°0°0"' ." W
Depth(ft): Low Depth- 190 High Depth- 300
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
1 April 2005 - Designated - Tim Sherman. This site is inside the actual Deep Water Site. There is a 3000' buffer around it to the actual site boundries.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Seasonal restrictions were enforced
Selective Disposal was used
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NWP [DS= 2861]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. GOLD BEACH, OREGON
      ROGUE RIVER (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 23,700

7. Expected frequency of dumping (for reporting period):
   a. INTERMITTE
   b. Actual start: 06/17/04
   c. Actual completion: 06/25/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 22
Site Name: ROGUE RIVER ENTRANCE
Geographical position: (NAD 1983)

42°24'15. " N 124°26'52. " W 42°24'23. " N 124°26'39. " W
42°23'39. " N 124°27'17. " W 42°23'51. " N 124°27'30. " W

Depth(ft): Low Depth- 66 High Depth- 68
Nearest Distance from shore (nm): 1.2

General Comments About The Disposal Site
Coordinates converted to NAD 83 in EPA's draft rule. Updated by Mark Siipola, 6/16/2004.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Seasonal restrictions were enforced
Selective Disposal was used
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NWP [DS= 2862]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. FLORENCE OREGON
      SIUSLAW RIVER (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 10,800

7. Expected frequency of dumping (for reporting period):
   a. CONTINUOUS
   b. Actual start: 07/30/04
   c. Actual completion: 08/02/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.222
Site Name: SIUSLAW RIVER ODMD SITE B
Geographical position: (NAD 1927)

44°01'49.9" N 124°09'58.4" W 44°01'39.0" N 124°09'20.3" W
44°01'20.7" N 124°09'30.3" W 44°01'31.6" N 124°10'08.5" W
0°°'0' . " N 0°0°0"' . " W
Depth(ft): Low Depth- 60 High Depth- 115
Nearest Distance from shore (nm): 1.0

General Comments About The Disposal Site
Dimensions 3,000 x 2,000 feet. Added by Tim Sherman 9/16/2003.
Mark Siipola, 6/16/2004 - corrected depths, corner 4 coordinate.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NWP [DS= 2863]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. REEDSPORT OREGON
      UMPQUA RIVER (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 71,300

7. Expected frequency of dumping (for reporting period):
   a. INTERMITTE
   b. Actual start: 09/02/04
   c. Actual completion: 09/09/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 25
Site Name: UMPQUA RIVER ENTRANCE
Geographical position: (NAD 1927)

43°40'35. " N 124°14'22. " W 43°40'35. " N 124°13'46. " W
43°40'21. " N 124°13'46. " W 43°40'21. " N 124°14'22. " W

Depth(ft): Low Depth- 90 High Depth- 105
Nearest Distance from shore (nm): 0.8

General Comments About The Disposal Site
Tim Sherman, 2/18/2004: changed coordinates for site.
size: 1400' x 3200'.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: TIM SHERMAN 503-808-4884

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NWP [DS= 2864]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. NEWPORT OREGON
      YAQUINA BAY (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 207,900

7. Expected frequency of dumping (for reporting period):
   a. INTERMITTE
   b. Actual start: 05/30/04
   c. Actual completion: 09/30/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.225
Site Name: YAQUIA BAY NORTH SITE
Geographical position: (NAD 1983)

44°38'18.0" N 124°07'26.0" W 44°38'12.9" N 124°06'31.1" W
44°37' 4.3" N 124°07'37.6" W 44°37'09.2" N 124°06'42.7" W
0°°'0' . " N 0°0°0"' . " W
Depth(ft): Low Depth- 112 High Depth- 152
Nearest Distance from shore (nm): 2.0

General Comments About The Disposal Site
Mark Siipola, 6/16/2004 - original data. 4,000' x 6,500'.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: TIM SHERMAN 503-808-4884

1. Issuing Authority- District: POA [DS= 2891]

2. Permit start date/expire date: (Federal Project)
   Location:
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. NOME, ALASKA
      NOME SMALL BOAT HARBOR (Maintenance)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: MECHANICAL DREDGE
   b. Mode of transportation: PIPELINE DISCHARGE

5. Form in which dredged material is presented for disposal:
      SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 5,700

7. Expected frequency of dumping (for reporting period):
   a. ONE PERIOD
   b. Actual start: 06/15/04
   c. Actual completion: 06/28/04

8. Composition of the dredged material.

   CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR
   Material was EXCLUDED from testing

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: RESLURRY AND HYDRAULIC DISCHARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 69
Site Name: NOME EAST
Geographical position: (NAD 1927)

64°29'54." N 165°24'41." W 64°29'45." N 165°23'27." W
64°28'57." N 165°23'29." W 64°29'07." N 165°24'25." W

Depth(ft): Low Depth- 3 High Depth- 39
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
Restrictions: Disposal shall be limited to dredged material from Nome, Alaska, and adjacent areas. Use will be coordinated with the City of Nome prior to dredging.

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
Seasonal restrictions were enforced
Site Monitoring was performed
Physical Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: BRET WALTERS 907-753-2682

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: NAN [DS= 2896]

2. Permit start date/expire date: (Permitted Project)
   Location: IMTT BAYONNE
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. KILL VAN KULL

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 75,100

7. Expected frequency of dumping (for reporting period):
   a. 3 / DAY
   b. Actual start: 08/10/04
   c. Actual completion: 09/03/04

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2003

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
    Site No. 0
    Site Name: No Disposal Or Reference Site Was Selected
    Geographical position:

    Depth(ft): Low Depth- 0 High Depth- 0
    Nearest Distance from shore (nm): 0.0

Reference Site Location:
    Site No: 128
    Site Name: MUD DUMP REFERENCE SITE

    Geographical position (NAD 1927)

    40°23'13. " N 073°52'11. " W 40°20'21. "N 073°52'19. " W

    Depth (ft): Low Depth- 21 High Depth- 0
    Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
    Capping techniques were used
    Seasonal restrictions were enforced
    Selective Disposal was used
    Site Monitoring was performed
    Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
    Menidia berylina
    Mysidopsis bahia
    Mytilus edilus

16. Bioassay Solid Phase Information (Organisms Tested):
    Ampelisca abdita
    Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):
    Nereis virens
    Macoma nasuta

18. General Comments

19. Point of Contact: THOMAS WYCHE 917-790-8540

1. Issuing Authority- District: NAN [DS= 2897]

2. Permit start date/expire date: (Permitted Project)
   Location: AMERICAN SUGAR REFINING COMPANY
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. HUDSON RIVER

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 40,700

7. Expected frequency of dumping (for reporting period):
   a. 2 / DAY
   b. Actual start: 10/05/04
   c. Actual completion: 10/16/04

8. Composition of the dredged material.

   CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2003

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.204
Site Name: HISTORIC AREA REMEDIATION SITE (HARS)
Geographical position: (NAD 1983)

40°25'39. " N 073°53'55. " W 40°25'39. " N 073°48'58. " W
40°21'19. " N 073°48'57. " W 40°21'19. " N 073°52'30. " W
40°21'52. " N 073°53'55. " W
Depth(ft): Low Depth- 39 High Depth- 160
Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site
This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.
Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W
B - 40 25'23", 73 53'34"
C - 40 25'39", 73 51'48"
D - 40 25'22", 73 52'08"
E - 40 23'48", 73 51'48"
F - 40 23'13", 73 52'09"
G - 40 23'13", 73 51'28"
H - 40 22'41", 73 51'28"
I - 40 22'41", 73 50'43"
J - 40 23'48", 73 51'06"
K - 40 25'39", 73 51'06"
L - 40 25'22", 73 50'44"
M - 40 25'39", 73 48'58"
N - 40 25'22", 73 49'19"
O - 40 21'35", 73 49'19"
P - 40 21'19", 73 48'57"
Q - 40 21'36", 73 52'08"
R - 40 21'19", 73 52'30"
S - 40 21'52", 73 53'55"
T - 40 22'08", 73 52'08"
U - 40 22'08", 73 53'34"
V - 40 21'52", 73 52'30"

Reference Site Location:
Site No: 128
Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

Center of Site is:
40°23'13. " N 0073°52'11. " W 0.0" W40°20'21. "N 073°52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
Capping techniques were used
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Menidia berlynia
Mysidopsis bahia
Mytilus edilus

16. Bioassay Solid Phase Information (Organisms Tested):

Ampelisca abdita
Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):
Nereis virens
Macoma nasuta

18. General Comments

19. Point of Contact: THOMAS WYCHE 917-790-8540

1. Issuing Authority- District: NAN [DS= 2898]

2. Permit start date/expire date: (Permitted Project)
   Location: PORT AUTHORITY OF NEW YORK & NEW JERSEY
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. NEWARK BAY

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 250,600

7. Expected frequency of dumping (for reporting period):
   a. 2 / DAY
   b. Actual start: 01/18/04
   c. Actual completion: 09/18/04

8. Composition of the dredged material.

   CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2002

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.204
Site Name: HISTORIC AREA REMEDIATION SITE (HARS)
Geographical position: (NAD 1983)

40°25'39. " N 073°53'55. " W 40°25'39. " N 073°48'58. " W
40°21'19. " N 073°48'57. " W 40°21'19. " N 073°52'30. " W
40°21'52. " N 073°53'55. " W
Depth(ft): Low Depth- 39 High Depth- 160
Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site
This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.
Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W
B - 40 25'23", 73 53'34"
C - 40 25'39", 73 51'48"
D - 40 25'22", 73 52'08"
E - 40 23'48", 73 51'48"
F - 40 23'13", 73 52'09"
G - 40 23'13", 73 51'28"
H - 40 22'41", 73 51'28"
I - 40 22'41", 73 50'43"
J - 40 23'48", 73 51'06"
K - 40 25'39", 73 51'06"
L - 40 25'22", 73 50'44"
M - 40 25'39", 73 48'58"
N - 40 25'22", 73 49'19"
O - 40 21'35", 73 49'19"
P - 40 21'19", 73 48'57"
Q - 40 21'36", 73 52'08"
R - 40 21'19", 73 52'30"
S - 40 21'52", 73 53'55"
T - 40 22'08", 73 52'08"
U - 40 22'08", 73 53'34"
V - 40 21'52", 73 52'30"

Reference Site Location:
Site No: 128
Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

Center of Site is:
40°23'13. " N 0073°52'11. " W 0.0" W40°20'21. "N 073°52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
Capping techniques were used
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Menidia berylina
Mysidopsis bahia
Mytilus edilus

16. Bioassay Solid Phase Information (Organisms Tested):

Ampelisca abdita
Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):
Nereis virens
Macoma nasuta

18. General Comments

19. Point of Contact: THOMAS WYCHE 917-790-8540

1. Issuing Authority- District: NAN [DS= 2899]

2. Permit start date/expire date: (Permitted Project)
   Location: NYC ECONOMIC DEVELOPMENT CORP.
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. HUDSON RIVER (PASSENGER SHIP TERM.)

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 374,200

7. Expected frequency of dumping (for reporting period):
   a. 2 / DAY
   b. Actual start: 03/30/04
   c. Actual completion: 05/05/04

8. Composition of the dredged material.

CHEMICAL DATA FOR THIS PROJECT WERE REPORTED IN 2002

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.204
Site Name: HISTORIC AREA REMEDIATION SITE (HARS)
Geographical position: (NAD 1983)

40°25'39. " N 073°53'55. " W 40°25'39. " N 073°48'58. " W
40°21'19. " N 073°48'57. " W 40°21'19. " N 073°52'30. " W
40°21'52. " N 073°53'55. " W
Depth(ft): Low Depth- 39 High Depth- 160
Nearest Distance from shore (nm): 3.5

General Comments About The Disposal Site
This is a complex site with multiple corners. Only the 5 approximate outside corners are listed above.
Complete corner coordinates of the Buffer Zone are:

A - 40 25'39" N, 73 53'55" W
B - 40 25'23", 73 53'34"
C - 40 25'39", 73 51'48"
D - 40 25'22", 73 52'08"
E - 40 23'48", 73 51'48"
F - 40 23'13", 73 52'09"
G - 40 23'13", 73 51'28"
H - 40 22'41", 73 51'28"
I - 40 22'41", 73 50'43"
J - 40 23'48", 73 51'06"
K - 40 25'39", 73 51'06"
L - 40 25'22", 73 50'44"
M - 40 25'39", 73 48'58"
N - 40 25'22", 73 49'19"
O - 40 21'35", 73 49'19"
P - 40 21'19", 73 48'57"
Q - 40 21'36", 73 52'08"
R - 40 21'19", 73 52'30"
S - 40 21'52", 73 53'55"
T - 40 22'08", 73 52'08"
U - 40 22'08", 73 53'34"
V - 40 21'52", 73 52'30"

Reference Site Location:
Site No: 128
Site Name: MUD DUMP REFERENCE SITE

Geographical position (NAD 1927)

Center of Site is:
40°23'13. " N 0073°52'11. " W 0.0" W40°20'21. "N 073°52'19. " W

Depth (ft): Low Depth- 21 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
Capping techniques were used
Seasonal restrictions were enforced
Selective Disposal was used
Site Monitoring was performed
Bathymetry Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Menidia berylina
Mysikopsis bahia
Mytilus edilus

16. Bioassay Solid Phase Information (Organisms Tested):
    Ampelisca abdita
    Mysidopsis bahia

17. Bioassay Bioaccumulation Information (Organisms Tested):
    Nereis virens
    Macoma nasuta

18. General Comments

19. Point of Contact: THOMAS WYCHE 917-790-8540

1. Issuing Authority- District: NAE [DS= 2900]

2. Permit start date/expire date: (Permitted Project)
   Location: POINT OF PINES YACHT CLUB
   Date issued: 06/02/02 Expire Date: 01/11/05

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. SAUGUS RIVER, REVERE, MA

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: MECHANICAL DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   CLUMPED or COHESIVE

6. Total quantity (cubic meters): 4,500

7. Expected frequency of dumping (for reporting period):
   a. 1 PER WEEK
   b. Actual start: 07/30/04
   c. Actual completion: 09/16/04

8. Composition of the dredged material.

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	3	7.6000000	0	0.000000	0.000000	0.000000
MERCURY	3	0.1300000	0	0.000000	0.000000	0.000000
CADMIUM	3	0.7700000	0	0.000000	0.000000	0.000000
LEAD	3	0.0000000	3	3.200000	3.300000	3.270000
CHROMIUM	3	0.0000000	3	3.200000	4.100000	3.500000
COPPER	3	0.0000000	3	1.900000	2.900000	2.300000
NICKEL	3	6.1000000	0	0.000000	0.000000	0.000000
ZINC	3	0.0000000	3	11.000000	13.000000	12.000000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	3	0.0100000	0	0.000000	0.000000	0.000000
CHLORDANE	3	0.0500000	0	0.000000	0.000000	0.000000
ALPHA-CHLORDANE	3	0.0100000	0	0.000000	0.000000	0.000000
BETA-CHLORDANE	3	0.0100000	0	0.000000	0.000000	0.000000
DIELDRIN	3	0.0100000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	3	0.0100000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	3	0.0100000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	3	0.0100000	0	0.000000	0.000000	0.000000
DDD	3	0.0100000	0	0.000000	0.000000	0.000000
DDE	3	0.0100000	0	0.000000	0.000000	0.000000
DDT	3	0.0100000	0	0.000000	0.000000	0.000000
ENDRIN	3	0.0100000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	3	0.0100000	0	0.000000	0.000000	0.000000
HEPTACHLOR	3	0.0100000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	3	0.0100000	0	0.000000	0.000000	0.000000
LINDANE	3	0.0100000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	3	0.0100000	0	0.000000	0.000000	0.000000
TOXAPHENE	3	0.0500000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	3	0.0500000	0	0.000000	0.000000	0.000000
AROCHLOR 1221	3	0.0500000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	3	0.0500000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	3	0.0500000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	3	0.0500000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	3	0.0500000	0	0.000000	0.000000	0.000000
AROCHLOR 1260	3	0.0500000	0	0.000000	0.000000	0.000000

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	3	5.0000000	0	0.000000	0.000000	0.000000
BENZO(A)ANTHRACENE	3	5.0000000	0	0.000000	0.000000	0.000000
BENZO(B)FLUORANTHENE	3	5.0000000	0	0.000000	0.000000	0.000000
ACENAPHTHYLENE	3	5.0000000	0	0.000000	0.000000	0.000000
CHRYSENE	3	5.0000000	0	0.000000	0.000000	0.000000
BENZO(K)FLUORANTHENE	3	5.0000000	0	0.000000	0.000000	0.000000
ACENAPHTHENE	3	5.0000000	0	0.000000	0.000000	0.000000
FLUORANTHENE	3	0.0000000	1	0.620000	0.620000	0.620000
BENZO(GHI)PERYLENE	3	5.0000000	0	0.000000	0.000000	0.000000
FLUORENE	3	5.0000000	0	0.000000	0.000000	0.000000
PYRENE	3	5.0000000	0	0.000000	0.000000	0.000000
ANTHRACENE	3	5.0000000	0	0.000000	0.000000	0.000000
BENZO(A)PYRENE	3	5.0000000	0	0.000000	0.000000	0.000000
INDENO(1,2,3-CD)PYRENE	3	5.0000000	0	0.000000	0.000000	0.000000
PHENANTHRENE	3	5.0000000	0	0.000000	0.000000	0.000000
DIBENZE(A,H)ANTHRACENE	3	0.0000000	1	0.680000	0.680000	0.680000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	3	0.0000000	3	20.000000	22.000000	21.000000
TOTAL ORGANIC CARBON	3	0.0000000	3	0.170000	0.250000	0.220000
% SAND	3	0.0000000	3	93.100000	96.800000	95.200000
% SILT	3	0.0000000	3	3.200000	5.900000	4.100000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
    Site No. 2
    Site Name: MASSACHUSETTS BAY DISPOSAL SITE
    Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:
42°25'06. " N 070°35'00. " W
Depth(ft): Low Depth- 272 High Depth- 302
Nearest Distance from shore (nm): 11.5

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material which meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.
updated by Phillip Nimeskern, 01/20/2000

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
    Seasonal restrictions were enforced
    Site Monitoring was performed
    Bathymetry Monitoring was performed
    Chemical Monitoring was performed
    Physical Monitoring was performed
    Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
    No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
    No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
    No Bioassay testing was done

18. General Comments

#2000-02894. % fines reported as % silt.

Biological monitoring was REMOTS photography.

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

1. Issuing Authority- District: NAE [DS= 2901]

2. Permit start date/expire date: (Permitted Project)
   Location: CUMBERLAND TOWN, MAINE
   Date issued: 08/29/03 Expire Date: 09/29/05

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. CASCO BAY, CHEBEAGUE ISLAND, CUMBERLAND, ME

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   CLUMPED or COHESIVE

6. Total quantity (cubic meters): 3,100

7. Expected frequency of dumping (for reporting period):
   a. 1 PER DAY
   b. Actual start: 01/18/04
   c. Actual completion: 01/27/04

8. Composition of the dredged material.

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% SAND	6	0.0000000	6	53.600000	88.100000	70.680000
% SILT	6	0.0000000	6	5.200000	24.400000	16.320000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:

Site No. 76
Site Name: PORTLAND
Geographical position: (NAD 1927)

Center of Site is:
43°43'36.4" N 070°02'39.5" .W 43°33'36.3" N 070°02'39.5" W
43°33'36.2" N 070°01'16.9" W 43°43'36.3" N 070°01'16.9" W
0°°°'' .." N 0°0°0"' . " W
Depth(ft): Low Depth- 136 High Depth- 226
Nearest Distance from shore (nm): 7.1

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material.
latitude/longitude updated by Phillip Nimeskern, 01/20/2000

Reference Site Location:
Site No: 169
Site Name: PORTLAND REFERENCE

Geographical position:
Center of Site is:
43°38'36.0" N 0069°59'00.6" W00.0" W
Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
Seasonal restrictions were enforced
Site Monitoring was performed
Bathymetry Monitoring was performed
Chemical Monitoring was performed
Physical Monitoring was performed
Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

#200201272.

%fines entered as % silt.

Biological monitoring was REMOTS photography.

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

1. Issuing Authority- District: NAE [DS= 2902]

2. Permit start date/expire date: (Permitted Project)
   Location: METROPOLITAN YACHT CLUB
   Date issued: 03/13/00 Expire Date: 03/31/05

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. FORE RIVER, WEYMOUTH, MASSACHUSETTS

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   CLUMPED or COHESIVE

6. Total quantity (cubic meters): 12,700

7. Expected frequency of dumping (for reporting period):
   a. 1 PER DAY
   b. Actual start: 10/13/04
   c. Actual completion: 11/18/04

8. Composition of the dredged material.

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	9	0.0000000	9	1.500000	15.000000	6.210000
MERCURY	9	0.0000000	3	0.570000	1.100000	0.780000
CADMIUM	9	0.0000000	6	0.330000	1.100000	0.660000
LEAD	9	0.0000000	9	6.200000	220.000000	66.000000
CHROMIUM	9	0.0000000	9	2.500000	120.000000	35.800000
COPPER	9	0.0000000	9	5.500000	110.000000	37.360000
NICKEL	9	0.0000000	9	2.100000	36.000000	1143.000000
ZINC	9	0.0000000	9	16.000000	260.000000	87.330000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	9	0.1200000	0	0.000000	0.000000	0.000000
CHLORDANE	9	0.1200000	0	0.000000	0.000000	0.000000
DIELDRIN	9	0.1200000	0	0.000000	0.000000	0.000000
ALPHA-ENDOSULFAN	9	0.1200000	0	0.000000	0.000000	0.000000
BETA-ENDOSULFAN	9	0.1200000	0	0.000000	0.000000	0.000000
ENDOSULFAN SULFATE	9	0.1200000	0	0.000000	0.000000	0.000000
DDD	9	0.1200000	0	0.000000	0.000000	0.000000
DDE	9	0.1200000	0	0.000000	0.000000	0.000000
DDT	9	0.1200000	0	0.000000	0.000000	0.000000
ENDRIN	9	0.1200000	0	0.000000	0.000000	0.000000
ENDRIN ALDEHYDE	9	0.1200000	0	0.000000	0.000000	0.000000
HEPTACHLOR	9	0.1200000	0	0.000000	0.000000	0.000000
HEPTACHLOR EPOXIDE	9	0.1200000	0	0.000000	0.000000	0.000000
LINDANE	9	0.1200000	0	0.000000	0.000000	0.000000
METHOXYCHLOR	9	0.1200000	0	0.000000	0.000000	0.000000
TOXAPHENE	9	0.2400000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1221	9	0.1200000	0	0.000000	0.000000	0.000000
AROCHLOR 1232	9	0.1200000	0	0.000000	0.000000	0.000000
AROCHLOR 1242	9	0.1200000	0	0.000000	0.000000	0.000000
AROCHLOR 1248	9	0.1200000	0	0.000000	0.000000	0.000000
AROCHLOR 1254	9	0.0000000	1	0.530000	0.530000	0.530000
AROCHLOR 1260	9	0.1200000	0	0.000000	0.000000	0.000000

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	9	0.0000000	1	0.220000	0.220000	0.220000
BENZO(A)ANTHRACENE	9	0.0000000	4	0.080000	0.980000	0.560000
BENZO(B)FLUORANTHENE	9	0.0000000	3	0.560000	0.740000	0.650000
ACENAPHTHYLENE	9	0.3400000	0	0.000000	0.000000	0.000000
CHRYSENE	9	0.0000000	3	0.610000	1.300000	0.970000
BENZO(K)FLUORANTHENE	9	0.0000000	3	0.570000	1.100000	0.890000
ACENAPHTHENE	9	0.3600000	0	0.000000	0.000000	0.000000
FLUORANTHENE	9	0.0000000	3	0.800000	1.700000	1.370000
BENZO(GHI)PERYLENE	9	0.6000000	0	0.000000	0.000000	0.000000
FLUORENE	9	0.3600000	0	0.000000	0.000000	0.000000
PYRENE	9	0.0000000	4	0.080000	1.900000	1.200000
ANTHRACENE	9	0.3200000	0	0.000000	0.000000	0.000000
BENZO(A)PYRENE	9	0.0000000	2	0.710000	0.980000	0.850000
INDENO(1,2,3-CD)PYRENE	9	0.0000000	1	0.750000	0.750000	0.750000
PHENANTHRENE	9	0.0000000	4	0.050000	0.860000	0.540000
DIBENZE(A,H)ANTHRACENE	9	0.6200000	0	0.000000	0.000000	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% MOISTURE	9	0.0000000	9	9.000000	58.000000	34.100000
TOTAL ORGANIC CARBON	9	0.0000000	9	1.100000	6.000000	3.700000
% SAND	9	0.0000000	9	3.500000	53.000000	22.200000
% SILT	9	0.0000000	9	4.000000	96.500000	60.330000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
    Site No. 2
    Site Name: MASSACHUSETTS BAY DISPOSAL SITE
    Geographical position: (NAD 1983)

Disposal site is a circle with a diameter of 12161 feet.

Center of Site is:
42°25'06. " N 070°35'00. " W
Depth(ft): Low Depth- 272 High Depth- 302
Nearest Distance from shore (nm): 11.5

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material which meets the requirements of the MPRSA and its accompanying regulations. Disposal-and-capping is prohibited at the MBDS until its efficacy can be effectively demonstrated.
updated by Phillip Nimeskern, 01/20/2000

Reference Site Location:
Site No: 167
Site Name: MASS BAY REFERENCE (1992 AND LATER)

Geographical position (NAD 1927)

42°22'42.0" N 070°30'18.0" W
Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

14. Disposal Site Management:
    Seasonal restrictions were enforced
    Site Monitoring was performed
    Bathymetry Monitoring was performed
    Chemical Monitoring was performed
    Physical Monitoring was performed
    Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
    No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
    Ampelisca abdita

17. Bioassay Bioaccumulation Information (Organisms Tested):
    Macoma nasuta
    Nereis virens

18. General Comments

    1997-00038.

    Biological monitoring was done by REMOTS photography.

    %fines reported as %silt

19. Point of Contact: PHILLIP NIMESKERN 978-318-8660

1. Issuing Authority- District: SPL [DS= 2844]

2. Permit start date/expire date: (Permitted Project)
   Location: CITY OF NEWPORT BEACH
   Date issued: 10/17/03 Expire Date: 07/24/05

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. 3336-3348 VIA LIDO

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: MECHANICAL DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 200

7. Expected frequency of dumping (for reporting period):
   a. DAILY
   b. Actual start: 10/21/04
   c. Actual completion: 11/02/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 17
Site Name: NEWPORT BEACH (LA-3)
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:
33°41'42.0" N 117°54'48. " W
Depth(ft): Low Depth- 1500 High Depth- 0
Nearest Distance from shore (nm): 4.3

Reference Site Location:
Site No: 191
Site Name: SAN DIEGO REFERENCE SITE

Geographical position:

Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by David Zoutendyk on 9/24/96.

14. Disposal Site Management:
Seasonal restrictions were enforced
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Data entered under File No. 2000-1727-SMS under previous Newport file (Yr 2000). Permit authorized under RGP No. 54. Permit no. is 200300017.

19. Point of Contact: JOSHUA BURNAM 213-452-3294

1. Issuing Authority- District: SPL [DS= 2845]

2. Permit start date/expire date: (Permitted Project)
   Location: CITY OF NEWPORT BEACH
   Date issued: 10/17/03 Expire Date: 07/24/05

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. 38 LINDA ISLE

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: MECHANICAL DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 200

7. Expected frequency of dumping (for reporting period):
   a. DAILY
   b. Actual start: 11/08/04
   c. Actual completion: 11/30/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 17
Site Name: NEWPORT BEACH (LA-3)
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:
33°41'42.0" N 117°54'48. " W
Depth(ft): Low Depth- 1500 High Depth- 0
Nearest Distance from shore (nm): 4.3

Reference Site Location:
Site No: 191
Site Name: SAN DIEGO REFERENCE SITE

Geographical position:

Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by David Zoutendyk on 9/24/96.

14. Disposal Site Management:
Seasonal restrictions were enforced
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Data entered under File No. 2000-1727-SMS under previous Newport file (Yr 2000). Permit authorized under RGP No. 54. Permit no. is 200300017.

19. Point of Contact: JOSHUA BURNAM 213-452-3294

1. Issuing Authority- District: SPL [DS= 2846]

2. Permit start date/expire date: (Permitted Project)
   Location: CITY OF NEWPORT BEACH
   Date issued: 10/17/03 Expire Date: 07/24/05

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. 84-85 LIND ISLE

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: MECHANICAL DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 500

7. Expected frequency of dumping (for reporting period):
   a. DAILY
   b. Actual start: 08/23/04
   c. Actual completion: 10/07/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 17
Site Name: NEWPORT BEACH (LA-3)
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:
33°41'42.0" N 117°54'48. " W
Depth(ft): Low Depth- 1500 High Depth- 0
Nearest Distance from shore (nm): 4.3

Reference Site Location:
Site No: 191
Site Name: SAN DIEGO REFERENCE SITE

Geographical position:

Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by David Zoutendyk on 9/24/96.

14. Disposal Site Management:
Seasonal restrictions were enforced
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Data entered under File No. 2000-1727-SMS under previous Newport file (Yr 2000). Permit authorized under RGP No. 54. Permit no. is 200300017.

19. Point of Contact: JOSHUA BURNAM 213-452-3294

1. Issuing Authority- District: SPL [DS= 2847]

2. Permit start date/expire date: (Permitted Project)
   Location: CITY OF NEWPORT BEACH
   Date issued: 10/17/03 Expire Date: 07/24/05

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. 89 LINDA ISLE

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: MECHANICAL DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 400

7. Expected frequency of dumping (for reporting period):
   a. DAILY
   b. Actual start: 03/02/04
   c. Actual completion: 04/02/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 17
Site Name: NEWPORT BEACH (LA-3)
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:
33°41'42.0" N 117°54'48. " W
Depth(ft): Low Depth- 1500 High Depth- 0
Nearest Distance from shore (nm): 4.3

Reference Site Location:
Site No: 191
Site Name: SAN DIEGO REFERENCE SITE

Geographical position:

Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by David Zoutendyk on 9/24/96.

14. Disposal Site Management:
Seasonal restrictions were enforced
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Data entered under File No. 2000-1727-SMS under previous Newport file (Yr 2000). Permit authorized under RGP No. 54. Permit no. is 200300017.

19. Point of Contact: JOSHUA BURNAM 213-452-3294

1. Issuing Authority- District: SPL [DS= 2848]

2. Permit start date/expire date: (Permitted Project)
   Location: CITY OF NEWPORT BEACH
   Date issued: 07/14/03 Expire Date: 07/24/05

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. 92 LINDA ISLE

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: MECHANICAL DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 500

7. Expected frequency of dumping (for reporting period):
   a. DAILY
   b. Actual start: 02/11/04
   c. Actual completion: 02/27/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 17
Site Name: NEWPORT BEACH (LA-3)
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:
33°41'42.0" N 117°54'48. " W
Depth(ft): Low Depth- 1500 High Depth- 0
Nearest Distance from shore (nm): 4.3

Reference Site Location:
Site No: 191
Site Name: SAN DIEGO REFERENCE SITE

Geographical position:

Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by David Zoutendyk on 9/24/96.

14. Disposal Site Management:
Seasonal restrictions were enforced
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Data entered under File No. 2000-1727-SMS under previous Newport file (Yr 2000). Permit authorized under RGP No. 54. Permit no. is 200300017.

19. Point of Contact: JOSHUA BURNAM 213-452-3294

1. Issuing Authority- District: SPL [DS= 2849]

2. Permit start date/expire date: (Permitted Project)
   Location: CITY OF NEWPORT BEACH
   Date issued: 11/02/04 Expire Date: 07/24/05

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. 5 HARBOR ISLAND

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: MECHANICAL DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 200

7. Expected frequency of dumping (for reporting period):
   a. DAILY
   b. Actual start: 08/09/04
   c. Actual completion: 08/26/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 17
Site Name: NEWPORT BEACH (LA-3)
Geographical position: (NAD 1927)

Disposal site is a circle with a diameter of 6000 feet.

Center of Site is:
33°41'42.0" N 117°54'48. " W
Depth(ft): Low Depth- 1500 High Depth- 0
Nearest Distance from shore (nm): 4.3

Reference Site Location:
Site No: 191
Site Name: SAN DIEGO REFERENCE SITE

Geographical position:

Depth (ft): Low Depth- 0 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by David Zoutendyk on 9/24/96.

14. Disposal Site Management:
Seasonal restrictions were enforced
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

Data entered under File No. 2000-1727-SMS under previous Newport file (Yr 2000). Permit authorized under RGP No. 54. Permit no. is 200300017.

19. Point of Contact: JOSHUA BURNAM 213-452-3294

1. Issuing Authority- District: SPN [DS= 2911]

2. Permit start date/expire date: (Permitted Project)
   Location: PORT OF OAKLAND
   Date issued: 11/30/03 Expire Date: 11/30/13

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. OAKLAND, CA

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   CLUMPED or COHESIVE

6. Total quantity (cubic meters): 50,200

7. Expected frequency of dumping (for reporting period):
   a. 1 LD/DAY
   b. Actual start: 04/02/04
   c. Actual completion: 04/15/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No.193
Site Name: SAN FRANCISCO DEEP OCEAN DISPOSAL SITE [SF-DODS]
Geographical position: (NAD 1983)

37°39'00.0" N 123°29'00.0" W
Depth(ft): Low Depth- 8200 High Depth- 9840
Nearest Distance from shore (nm): 0.0

General Comments About The Disposal Site
Location: Center coordinates of the oval-shaped site are:
37 deg.39.0' North latitude by 123 deg.29.0' West longitude
(North American Datum from 1983), with length (north-south axis)
and width (west-east axis) dimensions of approximately 4 nautical
miles (7.5 kilometers) and 2.5 nautical miles (4.5 kilometers),
respectively.
Seabird and Marine mammal monitoring were performed in 1995.

Added by Belinda Spalding, Oct. 1996.

Reference Site Location:
Site No: 208
Site Name: SAN FRANCISCO DEEP OCEAN DISPOSAL (DODS) REFERENCE

Geographical position (NAD 1983)

37°25'0" N 123°14'54." W
Depth (ft): Low Depth- 4200 High Depth- 0
Nearest Distance from shore (nm): 0.0

General Comments About The Reference Site
Added by Mike Donnelly in 1999

14. Disposal Site Management:
Selective Disposal was used
Site Monitoring was performed
Chemical Monitoring was performed
Physical Monitoring was performed
Biological Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
    No Bioassay testing was done

18. General Comments

    Tier 2 Ocean Testing Manual sediment chemistry data available from SPN.

19. Point of Contact: MIKE DONNELLY 415-977-8699

1. Issuing Authority- District: POH [DS= 2884]

2. Permit start date/expire date: (Permitted Project)
   Location: UNITED STATES NAVY
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. PEARL HARBOR CHANNELS

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 162,900

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 02/12/04
   c. Actual completion: 03/17/04

8. Composition of the dredged material.

Data for this project was also reported in 2003

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

(Data Reported as Dry Weight)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	10	0.0000000	10	6.330000	11.900000	9.714000
MERCURY	10	0.0000000	10	0.487000	1.340000	0.802700
CADMIUM	10	0.0000000	7	0.179000	0.738000	0.368900
LEAD	10	0.0000000	10	24.200000	67.200000	40.390000
CHROMIUM	10	0.0000000	10	46.500000	165.000000	116.350000
COPPER	10	0.0000000	10	32.700000	96.500000	57.230000
NICKEL	10	0.0000000	10	22.800000	68.000000	51.570000
ZINC	10	0.0000000	10	56.700000	183.000000	129.710000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ALDRIN	10	0.0000000	0	0.001760	0.003000	0.000000

CHLORDANE	10	0.0000000	0	0.008360	0.014200	0.000000
ALPHA-CHLORDANE	10	0.0000000	0	0.008360	0.014200	0.000000
DIELDRIN	10	0.0000000	0	0.002310	0.003940	0.000000
ALPHA-ENDOSULFAN	10	0.0000000	0	0.002850	0.004850	0.000000
BETA-ENDOSULFAN	10	0.0000000	0	0.002850	0.004850	0.000000
ENDOSULFAN SULFATE	10	0.0000000	0	0.002490	0.004240	0.000000
DDD	20	0.0000000	0	0.002150	0.003670	0.000000
DDE	20	0.0000000	1	0.001960	0.004010	0.002985
DDT	20	0.0000000	2	0.001780	0.009720	0.002785
ENDRIN	10	0.0000000	0	0.002650	0.004520	0.000000
ENDRIN ALDEHYDE	10	0.0000000	0	0.002850	0.004850	0.000000
HEPTACHLOR	10	0.0000000	0	0.003020	0.005150	0.000000
HEPTACHLOR EPOXIDE	10	0.0000000	0	0.003020	0.005150	0.000000
ALPHA-LINDANE	10	0.0000000	0	0.003560	0.006060	0.000000
BETA-LINDANE	10	0.0000000	0	0.002630	0.004480	0.000000
DELTA-LINDANE	10	0.0000000	0	0.002630	0.004488	0.000000
GAMMA-LINDANE	10	0.0000000	0	0.002630	0.004480	0.000000
METHOXYCHLOR	10	0.0000000	0	0.002650	0.004520	0.000000
TOXAPHENE	10	0.0000000	0	0.015700	0.026700	0.000000
PARATHION	10	0.0000000	0	0.000000	0.000000	0.000000

PCB

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AROCHLOR 1016	10	0.0000000	0	0.008330	0.014200	0.000000
AROCHLOR 1221	10	0.0000000	0	0.008330	0.014200	0.000000
AROCHLOR 1232	10	0.0000000	0	0.008330	0.014200	0.000000
AROCHLOR 1242	10	0.0000000	0	0.008330	0.014200	0.000000
AROCHLOR 1248	10	0.0000000	0	0.008330	0.014200	0.000000
AROCHLOR 1254	10	0.0000000	0	0.008330	0.014200	0.000000
AROCHLOR 1260	10	0.0000000	1	0.008330	56.400000	0.015760

PAH

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
NAPHTHALENE	10	0.0000000	1	0.003420	0.268000	0.031032
BENZO(A)ANTHRACENE	10	0.0000000	1	0.011900	1.870000	0.201780
BENZO(B)FLUORANTHENE	10	0.0000000	10	0.030300	4.940000	0.566920
ACENAPHTHYLENE	10	0.0000000	1	0.008370	0.035000	0.013877
CHRYSENE	10	0.0000000	9	0.010400	2.860000	0.312590
BENZO(K)FLUORANTHENE	10	0.0000000	8	0.016200	1.900000	0.221340
ACENAPHTHENE	10	0.0000000	1	0.006440	0.074200	0.015394
FLUORANTHENE	10	0.0000000	9	0.015200	1.680000	0.189820
BENZO(GHI)PERYLENE	10	0.0000000	9	0.025600	1.330000	0.164870
FLUORENE	10	0.0000000	1	0.008370	0.079500	0.018327
PYRENE	10	0.0000000	9	0.016000	3.550000	0.379870
ANTHRACENE	10	0.0000000	1	0.011300	0.375000	0.051470
BENZO(A)PYRENE	10	0.0000000	10	0.021500	3.670000	0.414550
INDENO(1,2,3-CD)PYRENE	10	0.0000000	7	0.023700	1.340000	0.162870
PHENANTHRENE	10	0.0000000	6	0.009930	0.253000	0.036673
DIBENZE(A,H)ANTHRACENE	10	0.0000000	1	0.016400	0.413000	0.061630

TINS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
TRIBUTYLTIN	10	0.0000000	0	0.001760	0.003000	0.000000
DIBUTYLTIN	10	0.0000000	0	0.002050	0.003480	0.000000
MONOBUTYLTIN	10	0.0000000	0	0.000980	0.001670	0.000000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
AMMONIA NITROGEN	10	0.0000000	8	1.800000	261.000000	32.620000
TOTAL SOLIDS	10	0.0000000	0	33.000000	56.200000	42.990000

OIL + GREASE	10	22.0000000	5	22.000000	189.000000	47.900000
TOTAL ORGANIC CARBON	10	0.0000000	0	0.530000	1.500000	1.079000
TOTAL SULFIDES	10	0.0000000	10	0.400000	21.200000	3.820000
% SAND	10	0.0000000	0	0.637000	33.300000	12.920000
% SILT	10	0.0000000	0	28.500000	49.300000	40.800000
% CLAY	10	0.0000000	0	27.000000	53.200000	44.200000
ACID VOLATILES						
2-CHLOROPHENOL	10	0.0000000	0	0.006410	0.010900	0.000000
2,4-DICHLOROPHENOL	10	0.0000000	0	0.005270	0.008970	0.000000
2,4-DIMETHYLPHENOL	10	0.0000000	0	0.002370	0.004030	0.000000
2,4-DINITROPHENOL	10	0.0000000	0	0.010800	0.018400	0.000000
2-NITROPHENOL	10	0.0000000	0	0.007470	0.011600	0.000000
4-NITROPHENOL	10	0.0000000	0	0.002810	0.004790	0.000000
PENTACHLOROPHENOL	10	0.0000000	0	0.005940	0.010100	0.000000
2,4,6-TRICHLOROPHENOL	10	0.0000000	0	0.005480	0.009330	0.000000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 53
Site Name: SOUTH OAHU SITE
Geographical position: (NAD 1927)

Center of Site is:
21°15'58. " 'N .0157°57'20. " 'W .021°15'24. " N 157°55'58. " W
21°14'58. " N 157°57'48. " W 21°14'24. " N 157°56'22. " W
0°°'.'" . " N 0°0°0.'" . " W
Depth(ft): Low Depth- 1310 High Depth- 1558
Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material.
Active Site
data updated by Pat Tom 2/2000
Non cicle center coordinates: 21 15' 10", 157 56' 50"

Reference Site Location:
Site No: 170
Site Name: REFERENCE SITE NOT NEEDED FOR THIS MATERIAL

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Mysidopsis bahia
Mytilus edulis
Menidia beryllina

16. Bioassay Solid Phase Information (Organisms Tested):
Eohaustorius estuarius
Ampelisca abdita

17. Bioassay Bioaccumulation Information (Organisms Tested):
Macoma nasuta
Nereis virens

18. General Comments

19. Point of Contact: MARK ARAKAKI 808-438-6929

Report of Ocean Dumping Permits - CY 2004

1. Issuing Authority- District: POH [DS= 2885]

2. Permit start date/expire date: (Permitted Project)
   Location: UNITED STATES NAVY
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. PEARL HARBOR MIDDLE LOCH

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HYDRAULIC DREDGE
   b. Mode of transportation: DUMP SCOW or BARGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 172,000

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 11/25/03
   c. Actual completion: 03/15/04

8. Composition of the dredged material.

Chemical Data For This Dredging Project
(ug/g or ppm unless otherwise indicated)

(Not Known if data calculated on a Wet or Dry Basis)

Sediment Chemical Characteristics

METALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
ARSENIC	12	0.0000000	12	8.440000	12.400000	11.240000
MERCURY	12	0.0000000	12	0.272000	0.984000	0.672000
CADMIUM	12	0.0000000	7	0.267000	0.599000	0.382000
LEAD	12	0.0000000	12	12.200000	79.700000	33.840000
CHROMIUM	12	0.0000000	12	163.000000	223.000000	196.900000
COPPER	12	0.0000000	12	84.700000	193.000000	117.500000
NICKEL	12	0.0000000	12	96.500000	143.000000	123.260000
ZINC	12	0.0000000	12	142.000000	252.000000	176.600000

PESTICIDES

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
DDD	12	0.0000000	1	4.470000	0.000000	0.000000
DDE	12	0.0000000	12	5.020000	10.300000	7.030000
DDT	12	0.0000000	1	5.350000	7.580000	6.210000

CONVENTIONALS

Chemical Name	# Of Obs	Detection Limit	# > DL	Lowest Value	Highest Value	Mean Value
% TOTAL VOLATILE SOLIDS	12	0.0000000	12	2.800000	4.900000	3.930000
TOTAL SOLIDS	12	0.0000000	12	26.400000	37.400000	32.820000
OIL + GREASE	12	0.0000000	12	32.000000	109.000000	56.500000
TOTAL ORGANIC CARBON	12	0.0000000	12	1.500000	3.000000	2.160000
TOTAL SULFIDES	12	0.0000000	12	4.700000	82.000000	27.380000
% SAND	12	0.0000000	12	0.330000	13.070000	3.650000
% SILT	12	0.0000000	12	42.500000	55.550000	48.610000
% CLAY	12	0.0000000	12	36.890000	56.310000	47.480000

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: DUMP SCOW OR BARGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 53
Site Name: SOUTH OAHU SITE
Geographical position: (NAD 1927)

Center of Site is:
21°15'58. " 'N .0157°57'20. " 'W .021°15'24. " N 157°55'58. " W
21°14'58. " N 157°57'48. " W 21°14'24. " N 157°56'22. " W
0°°'.'" . " N 0°0°0.'" . " W
Depth(ft): Low Depth- 1310 High Depth- 1558
Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material.
Active Site
data updated by Pat Tom 2/2000
Non cicle center coordinates: 21 15' 10", 157 56' 50"

Reference Site Location:
Site No: 121
Site Name: REFERENCE SITE NOT REPORTED

14. Disposal Site Management:
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
Mytilus edulis
Mysidopsis bahia
Menidia beryllina

16. Bioassay Solid Phase Information (Organisms Tested):
Eohaustorius estuarius
Ampelisca abdita
Neanthes arenaceodentata

17. Bioassay Bioaccumulation Information (Organisms Tested):
Macoma nasuta
Nereis virens

18. General Comments

19. Point of Contact: MARK ARAKAKI 808-438-6929

1. Issuing Authority- District: POH [DS= 2886]

2. Permit start date/expire date: (Permitted Project)
   Location: UNITED STATES NAVY
   Date issued: / / Expire Date: / /

3. Country of origin of wastes and port of loading:
   a. UNITED STATES OF AMERICA
   b. PEARL HARBOR WEST LOCH

4. Specification of dredged material and process from which derived:
   a. Mode of dredging: HOPPER DREDGE
   b. Mode of transportation: HOPPER DREDGE

5. Form in which dredged material is presented for disposal:
   SLURRY or NONCOHESIVE

6. Total quantity (cubic meters): 78,000

7. Expected frequency of dumping (for reporting period):
   a.
   b. Actual start: 02/12/04
   c. Actual completion: 03/17/04

8. Composition of the dredged material.

CHEMICAL DATA WERE NOT ACQUIRED FOR THIS PROJECT THIS YEAR

9. Properties: Not Applicable

10. Method of Packaging: Not Applicable

11. Method of release: HOPPER DREDGE

12. Procedure and site for tank washing: NOT APPLICABLE

13. Approved disposal site:
Site No. 53
Site Name: SOUTH OAHU SITE
Geographical position: (NAD 1927)

Center of Site is:
21°15'58. " 'N .0157°57'20. " 'W .021°15'24. " N 157°55'58. " W
21°14'58. " N 157°57'48. " W 21°14'24. " N 157°56'22. " W
0°°'.'" . " N 0°0°0.'" . " W
Depth(ft): Low Depth- 1310 High Depth- 1558
Nearest Distance from shore (nm): 3.0

General Comments About The Disposal Site
Restriction: Disposal shall be limited to dredged material.
Active Site
data updated by Pat Tom 2/2000
Non cicle center coordinates: 21 15' 10", 157 56' 50"

Reference Site Location:
Site No: 121
Site Name: REFERENCE SITE NOT REPORTED

14. Disposal Site Management:
No disposal management was performed
No Site Monitoring was performed

15. Bioassay Elutriate Information (Organisms Tested):
No Bioassay testing was done

16. Bioassay Solid Phase Information (Organisms Tested):
No Bioassay testing was done

17. Bioassay Bioaccumulation Information (Organisms Tested):
No Bioassay testing was done

18. General Comments

19. Point of Contact: MARK ARAKAKI 808-438-6929